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Volume 149 No. 13 — Schnell Publishing Company, Inc., Publishers — April 1, 1946

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Food Board Fertilizer Group to Continue

OPD Washington Bureau

At a meeting of the committee on fertilizers of the Combined Food Board in Washington on March 21, all members agreed that it is desirable for the committee to continue its work during the 1946-47 fertilizer year in view of the prospect for continuing shortages of many fertilizer materials.

Preliminary estimates indicate deficits of approximately 457,000 short tons of nitrogen and approximately 3,100,000 long tons of phosphate rock. Supplies of potash will be adequate only if the prewar level of production in Germany can be realized and the necessary transport can be mobilized. Prospective production data is being assembled and the committee proposes to reach agreement regarding preliminary allocation recommendations for the 1946-47 fertilizer year before the end of May.

Reports from North Africa indicate improved production of rock phosphate, due in part to mining supplies shipped from the United States and the United Kingdom. European potash production shows some improvement but is still far from sufficient to meet the urgent requirements of Europe and the United Kingdom.

To meet urgent food requirements in the American and British zones of Germany, the committee agreed to shipment of soluble phosphates from Belgium for use during this crop year. Because of India's urgent food needs, the committee also agreed to additional shipments of ammonium sulphate to India in April from an extremely short world supply.

Synthetic Liquid Fuels Advisers Named

The appointment of an eleven-man synthetic liquid fuels advisory committee has been announced by the Bureau of Mines. The members of the group are Eugene Ayers of Gulf Research and Development Company, Pittsburgh; George Creelman of Pittsburgh Consolidation Company; Fred Dennig, of the Koppers Company, Pittsburgh; H. W. Feel, of the Atlantic Refining Company, Pittsburgh; H. O. Forrest, of M. W. Kellogg Company, New York; Dr. Louis S. Kassel, of the Universal Oil Products Company, Chicago; D. C. Keith of Hydrocarbon Research, Inc., New York; L. C. Kemp of the Texas Company, New York; E. V. Murphree of the Standard Oil Development Company, New York; J. K. Roberts, of Standard Oil Company of Indiana, Chicago and Dr. Howell J. Rose of Bituminous Coal Research, Inc., Pittsburgh.

German Nitrogen Fertilizer Data Available

Detailed estimates of German synthetic nitrogen fertilizer production for 1945-1946 and a study of the condition of the German synthetic nitrogen plants are presented in a report issued by the Office of the Publication Board, Department of Commerce, March 23.

The documents, PB-1764 (microfilm, 50 cents; photostat, $3), contains 37 pages. It may be ordered in Room 1312, Commerce Building, or by mail. Mail orders should be accompanied by check or money order, payable to the Treasurer of the United States, and should be addressed to the Office of the Publication Board, Department of Commerce, Washington 25, D. C.

Casein Co. Names Two Vice-Presidents

H. P. Fell and C. S. Leonardson have been made vice-presidents of the Casein Company of America, Division of the Borden Company. Mr. Fell was formerly production manager, and Mr. Leonardson was formerly Western sales manager. A. F. Grignon has retired as vice-president.

Winthrop Medical Head

Major Edwin J. Foley, on terminal leave from the Army Medical Corps, has rejoined the Winthrop Chemical Company, New York, as medical director. Maj. Foley, who joined the company in 1933, was assistant medical director when he entered the service in 1942.

Copper, Lead, Zinc Mining Subsidies Upped

OPD Washington Bureau

Wage increases in non-ferrous mining, smelting and refining industries will be offset by increased subsidies, Chester Bowles, Stabilization Director, has announced. Mr. Bowles said that this procedure would forestall any increase in price ceilings for copper, lead and zinc.

The subsidies will be paid under a premium price plan which has been in operation since February, 1942. The purpose of the program is to obtain production of critically needed metals by compensating for abnormal costs in the production of marginal ores.

Gen'l Denit Heads Operations Service

Brig. Gen. Guy Blair Denit has been appointed chief of operations service of the Office of the Surgeon-General, the War Department has announced.

One of the principal problems facing General Denit in his new post will be that of providing trained professional and technical personnel for the Army. The enormous task involved is indicated by fact that experienced Medical Corps officers now in the Regular Army total only about one-tenth of ultimate needs.

FTC Trademark Orders Subject to Review by Courts

OPD Washington Bureau

Federal Trade Commission orders in trade-name cases which impose penalties that go beyond a reasonable relationship to the unlawful practices found to exist are subject to review and modification by the courts, the Supreme Court of the United States held March 25. At the same time the court said, in effect, that the commission should broaden its findings, in cases where it orders the excision of a trade-name, to show whether or not consideration had been given to alternative remedies that will produce the same results without destruction of such valuable assets to a going business.

The decision, which was unanimous, with the eight Justices participating, was handed down in the so-called "Alpacuna" case—an appeal by Jacob Siegel Company from a decision of the United States Circuit Court of Appeals for the Third Circuit upholding an order of the commission directing the firm to discontinue the use of the trade-name, "Alpacuna," on grounds of deception. The supreme court reversed the circuit court and remanded the case for further proceedings in conformity with its opinion.

The case has attracted wide attention, not only in the clothing field, but in the drug and cosmetic fields as well, because of the sweeping nature of the commission's order. It has been cited many times by representatives of business as evidence of what they claim to be arbitrary action by the commission in matters involving the assets of business, and figured prominently in the recent hearings before the house interstate and foreign commerce committee on the Reece bill (H.R. 2390) by proponents seeking a clarification of the law on the right of the courts to modify the remedies imposed by FTC in its cease and desist orders.

When the circuit court upheld the commission's order against Siegel, it did so in the belief that the courts were without power to modify the remedies imposed on law violators by an administrative agency. It said that it believed that the prohibition of the use of the name "Alpacuna" was far too harsh and that it would have modified the commission's order to permit the continued use of the name, but that it construed the recent decisions of the courts involving other administrative agencies as limiting the authority of the courts to modify the commission's orders.

Lower Courts Erred

Taking particular note of this statement, the supreme court said that the lower court had erred. It said that while section 5(c) of the FTC acts states that the findings of the commission "as to facts, if supported by evidence, shall be conclusive" it does not "limit the reviewing court to an affirmance or reversal of the commission's order. It gave the court power to modify the order as well." The decision goes on to say with respect to authority of the commission over trade-names:—

The commission has wide discretion in its choice of a remedy deemed adequate to cope with the unlawful practices in this area of trade and commerce. Here, as in the case of orders of other administrative agencies under comparable

—Continued on page 38

Koppers Co. Elects Somervell President

General Brehon B. Somervell, who commanded the Army Service Forces during the war, has been elected president of the Koppers Company, Pittsburgh. He will assume his duties about May 1.

World-Wide

Gen. Brehon B. Somervell

J. P. Williams jr., who has been serving as president and chairman of the board since the death of J. T. Tierney in October, 1944, continues as chairman.

Abbott Elects Clough Chairman of Board

The Abbott Laboratories, Chicago, has elected S. DeWitt Clough chairman of the board of directors and R. M. Cain president and general manager. E. H. Volwiler was elected executive vice-president; C. S. Downs was elected vice-president in charge of advertising and public relations, and E. H. Ravenscroft was named secretary of the executive committee. E. B. Vliet and H. D. Robinson were elected to the board.

WAA Regional Offices Given Expanded Authority

OPD Washington Bureau

With inventories of government surpluses continuing to mount faster than sales can be made by the disposal agencies, a decentralization plan was put into operation this week by the War Assets Administration, giving the regional offices of the agency greatly expanded authority to speed sales of the material.

Announcement of the decentralization program was made by Lt. Gen. Edmund B. Gregory, March 25, as he took office as the administrator of the newly organized War Assets Administration, successor to the War Assets Corporation. The new office was established with one single purpose—to liquidate war surpluses as fast as can possibly be done, and Gen. Gregory promised the President that a substantial part of that liquidation will be accomplished within a year.

Although the sales curve of disposable surplus property has risen steadily, the curve of new declarations of surplus has gone up even faster. On March 1 the inventory of declared surplus in the United States and its possessions totaled $14,000,000,000, including $5,000,000,000 of non-saleable aircraft. On January 1 the inventory of domestic surplus totaled more than $10,000,000,000, including $3,000,000,000 of non-saleable aircraft. By March 1 only $2,000,000,000 of saleable surplus had been disposed of. By June 30 it is expected that the amount of material declared surplus will aggregate about $35,000,000,000.

Unsold chemical surpluses in the hands of the agency totaled $78,286,000 on March 1. It is more than five times as much as has been sold thus far. Sales of chemicals thus far amount to $14,089,000 for which the government has received $7,837,000.

Gen. Gregory said that decentralization is the paramount administrative policy involved in the War Assets Administration setup. The policy is to

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Carbon Black Plants For Sale or Lease

OPD Washington Bureau

The War Assets Administration is offering for sale or lease six carbon black plants. The plants, with their annual production capacity, are located at the following:—Greymon, Okla., 15,000,000 pounds; Seagraves, Tex., 15,000,000 pounds; Sunray, Tex., 20,000,000 pounds; Monument, New Mexico, 15,200,000 pounds; Unice, New Mexico, 16,000,000 pounds; and Odessa, Texas, 45,000,000 pounds.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER's relative record of prices for chemicals and related materials is currently as follows:—

Mar. 28, 1946	Mar. 21, 1946	Mar. 30, 1945
134.9	**135.4**	**132.3**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

There was a broad and substantial shrinking in price views last week in the markets for chemicals, oils, and drugs. Even heavy industrial materials showed up among the lists of contracted values. Quicksilver and imported waxes were the important items on the other side of the picture.

Recent Imports

All matter under this head fully protected by copyright

New York Imports

ALOE—65 cs, Philadelphia National Bank; 95 cs, W R Grace & Co.; 36 tins

ALMOND OIL—5 dms, S B Penick & Co

ARABIC GUM—300 bgs, Bank of London & South America; 500 bgs, Kachurin Drug Co

ARGOLS—464 bgs, United States Commercial Co

ARROWROOT—4,020 bgs, Morningstar, Nicol, Inc

ASPARAGIN, CRYSTALLIZED—2 cs, United States Commercial Co

ASPHALT, PETROLEUM—48,802 bbls, Shell Oil Co

BABASSU KERNELS—24,531 bgs, Spencer Kellogg & Son; 40,364 bgs, General Foods Corp

BAY OIL—3 dms, Barclay Bank; 5 dms, Dodge & Olcott Co; 3 dms, Magnus, Mabee & Reynard

BAY RUM, DENATURED—100 bbls, Hudson Tea & Spice Co; 250 dms; 26 dms, Boren Distilled Co

BONES—1,591 bgs, Edmond J Long; 1,000 bgs, Bank of New York; 1,050 bgs, Baugh & Son

BRUCINE SULPHATE—10 cs, New York Quinine & Chemical Works

CANARY SEED—339 bgs, A G Dunn; 417 bgs, Hinton & Co

CARNAUBA WAX—55 bgs, Hilton Davis Chemical Co; 63 bgs, Dillons Chemical Co; 135 bgs, F B Ross Co; 125 bgs, T G Cooper & Co; 31 bgs, R W Cameron, Inc; 172 bgs, W Looser & Co; 27 bgs, Enco Chemical Co; 18 bgs, Smith & Nichols; 96 bgs, Bakelite Corp; 66 bgs, Bunge Corp; 22 bgs, Geo Bell & Son; 48 bgs, Dominion Bank; 2,718 bgs, Fred Henjes, jr; 2,561 bgs, American Cyanamid & Chemical Corp; 467 bgs, Marine Midland Trust Co; 807 bgs, W R Grace & Co; 278 bgs, Wm Diehl & Co; 1,641 bgs, S C Johnson & Son; 650 bgs, Wax & Rosin Products, Inc.; 250 bgs, Bank of Manhattan Co; 563 bgs, Mercantile Metal & Ore Co; 226 bgs, Natural Product Corp; 188 bgs, First National Bank; 354 bgs, Wm M Allison & Co; 117 bgs, Baird Rubber & Trading Co; 33 bgs, Bank of London & South America; 65 bgs, National City Bank; 375 bgs, Simons Co; 125 bgs, Cornelius Product Co; 568 bgs, Wessel, Duval & Co; 120 bgs, Ultra Chemical, Inc; 165 bgs, F E Wallace & Co; 22 bgs, Lenape Trading Co; 111 bgs, F R Dollan, jr; 22 bgs

CASEIN—2,000 bgs, Sheffield Farms Co; 8,130 bgs, National City Bank; 3,557 bgs, American Cyanamid & Chemical Corp; 2,000 bgs, American British Chemical Supplies; 4,100 bgs, Casein Co of America; 400 bgs, Paul & Stein Bros

CASTOR BEANS—9,942 bgs, Spencer Kellogg & Sons; 61,375 bgs, Baker Castor Oil Co; 850 bgs, Tunley & Co

CASTOR OIL—200 dms, Irving Trust Co; 98 dms, East Asiatic Co; 100 dms, Hilo Varnish Corp; 250 dms, Bate Robinson & Co

CINNAMON LEAF OIL—1 cs, Geo Lueders & Co; 33 dms, R C Treat & Co

COCOA BUTTER—1,694 cs, A C Israel Commodity Co; residue, 1,451 bgs

COD OIL—36 cks, F W Damon; 26 dms

CODLIVER OIL—10 dms, F B Vandegrift Co; 300 bbls, Peder Devold Oil Co; 346 dms, Arista Oil Products Co; 50 dms, Marine Trust Co; 25 dms, Chemical Bank & Trust Co, 50 dms

COLCHICUM SEED—500 bgs, S B Penick & Co.

COLORS, POTTERS—4 cks, American Express Co

COPAIBA BALSAM—7 dms, Dodge & Olcott Co

CORIANDER SEED—500 bgs, Kachurin Drug Co; 250 bgs, Knickerbocker Mills Co; 1,000 bgs, H S Cramer & Co

CORNSILK—118 bls, S B Penick & Co

COTTON LINTERS—1,200 bls, Simons Co

COTTONSEED HULL FIBER—482 bls, Hercules Powder Co

CRESYLIC ACID—73 dms, Republic Chemical Corp; 70 dms, Monsanto Chemical Co; 110 dms

CRUDE GUM—1,131 bls, Chicle Development Co

CUTTLEFISH BONE—71 pkgs, Corn Exchange Bank & Trust Co

DILLSEED—267 bgs, Lewis International Corp; 249 bgs

DIVI-DIVI—5,800 bgs, Guaranty Trust Co

FENNEL SEED—200 bgs, W E Martin & Co

FENUGREEK SEED—267 bgs, S B Penick & Co; 107 bgs, W E Martin & Co

FISH SOUNDS—90 bls, Fulton Freight Forwarding Corp

FLEASEED HUSK—126 bgs, S B Penick & Co; 233 bgs, Peek & Velsor; 133 bgs, Wm M Allison & Co

FUEL OIL—2,642,850 bbls, Standard Oil Co of N Y

FULLER'S EARTH—390 bgs, L A Salomon & Bro

GAS OIL—67,601 bbls, First National Oil Corp

GHATTI GUM—246 bgs, Innis, Speiden & Co; 119 bgs, Duvekot & Co

GINGER—87 bgs, Knickerbocker Mills Co; 111 bgs, Joensson & Cross

—*Continued on page 44*

Chemurgists Reelect Officers

At its membership meeting in connection with the eleventh annual chemurgic conference in St. Louis, March 18 to 20, the National Farm Chemurgic Council reconstructed its board of governors so as to provide

Wheeler McMillen

for terms of one, two, and three years, instead of just for one year, as heretofore. The members of the board were re-elected for the several terms as follows:—

One year:—Agricultural group, Cornelius J. Claasen, of the Farmers National Company; Elmer Nall, agriculturist; Dr. John A. Widtsoe, of the Council of Church of Latter Day Saints. Industrial group, Jesse F. Jackson, of the Central of Georgia Railway; Henry L. Kellogg, of the Illinois State Planning Commission; Clinton T. Revere, of Laird, Brissell & Meeds. Scientific group, Dr. Henry K. Benson, of the University of Washington; Dr. Perrin H. Long, of Johns Hopkins University; Dr. Robert A. Millikan, of California Institute of Technology.

Two years:—Agricultural group, H. E. Babcock, of the G.L.F. School of Cooperative Administration; E. M. Poirot, agriculturist; Louis J. Taber, of the Farmers & Traders Life Insurance Company. Industrial group, L. F. Livingston, of E. I. du Pont de Nemours & Co.; Albert M. Paul, of the California Products Company; Harry H. Straus, of the Ecusta Paper Company; M. F. Taggart, of the O'Brien Varnish Company. Scientific group, Dr. Roger Adams, of the University of Illinois; Dr. W. L. Burlison, of the University of Illinois; Dr. Edward R. Weidlein, of the Mellon Institute of Industrial Research.

Three years:—Agricultural group, D. Howard Doane, of the Doane Agricultural Service; G. G. McIlroy, of Farm Management, Inc.; Wheeler McMillen, of the Farm Journal and Farmers Wife; Victor H. Schoffelmayer, of the Dallas Morning News; Arnold P. Yerkes, of the International Harvester Company. Industrial group, Edward J. Dies, of the National Soybean Processors Association; Howard R. Huston, of the American Cyanamid Company; C. F. Kettering, of the General Motors Corporation; Dr. Charles A. Thomas, of the Monsanto Chemical Company; Robert E. Wood, of Sears, Roebuck & Co. Scientific group, Dr. Karl T. Compton, of the Massachusetts Institute of Technology; Dr. George Cross, of the University of Illinois.

Meeting subsequently, the board of governors re-elected the following as officers of the council:—

President, Wheeler McMillen.

Vice-presidents, Howard R. Huston, Louis J. Taber, and Dr. Roger Adams.

Treasurer, John W. Ticknor, who is also assistant to the president on the headquarters staff.

Secretary, Ernest L. Little, 50 West Broad Tower, Columbus 15, Ohio, who is also managing director of the council's activities.

Taking as his topic, "Science and Peace," Mr. McMillen in his presidential address to the members, postulated the possibility that men could live together in peace if they devoted their energies, their talents, and their physical and financial resources to the development of abundance in the measure that they have set them to destruction. Pointing to the scientific potentialities over molecules and mountains, he deplored man's lack of self-mastery and of new ideas of dealing with the causes of hunger, want, and hopelessness, out of which war comes.

Mr. McMillen could see no reason why science or the human race as a whole should have to choose between construction and destruction, between co-operation and extermination, in the relations of peoples and of governments. He urged an approach to human problems by way of forward science, rather than backward statesmanship. It was his belief that statesmanship could grow to the stature necessary for the proper understanding of natural laws and their acceptance in world dealings with human nature.

Application of Mr. McMillen's doctrine to the existing problems of the peoples of the world, as presentation of the objectives of modern democracy, was urged by Dr. M. M. Rosten, and the desirability of "selling" the real American idea to the world was presented by several others. Extension of council membership to other countries was advocated.

Uruguayan Flaxseed Purchased by CCC

Arrangements have been completed to purchase approximately 100,000 tons of Uruguayan flaxseed, the U. S. Department of Agriculture announced March 29. Under the terms of the new agreement, CCC will buy the entire exportable surplus of old and new crop Uruguayan seed which will be distributed in accordance with recommendations of the Combined Food Board.

Late Markets

Charcoal Briquets Marked Up

Acting on the authorization given by the Office of Price Administration for advancing ceiling prices on hardwood charcoal sold directly by producers to industrial users by $9.50 per ton in the states of Michigan and Wisconsin, and varying amounts in four other states, effective March 15, a leading manufacturer of hardwood charcoal briquets in the first mentioned state has announced a markup of his prices for these briquets to the full permissible extent, making his revised quotations, effective April 1, $44.50 per net ton for this material in bulk for carload lots, and $49.50 to $50.50 in bags for carlots, at his works, in both instances.

Obituaries

Israel Rosenblum

Israel Rosenblum, who retired two years ago as president of the Paramet Chemical Coproation, Long Island City, N. Y., died at Lake Mohegan, N. Y., March 26. He was sixty-one years old.

A native of Rumania, Mr. Rosenblum worked in the General Electric Company's research laboratory at Lynn, Mass., when he first came to the United States, and later was a research fellow at the Massachusetts Institute of Technology. He opened his own laboratory in New York in 1923, which later developed into Paramet.

Dr. Gilbert N. Lewis

Dr. Gilbert N. Lewis, dean of the college of chemisty at the University of California, died March 23 soon after he was found unconscious in his laboratory. He was seventy years old.

During his career Dr. Lewis received some of the highest awards given to American scientists. In 1929 he received the Willard Gibbs Medal for "outstanding achievement in physical chemistry," and the following year was presented with the Society of Arts and Sciences Medal as "the outstanding chemist in America." The American Chemical Society awarded him its Richards Medal in 1938 for "conspicuous achievements in chemistry."

Among Dr. Lewis' earlier achievements in the field of chemistry were

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Coke By-Products

Estimates of by-product cokeoven operations in the week ended March 23 indicate the following cutput of by-products from that source:—

Ammonia liquor NH_3	lbs.	943,562
Ammonia sulphate	lbs.	24,428,120
Benzol	gals.	3,078,340
Coaltar	gals.	11,419,650
Creosote oil	gals.	635,528
Naphthalene	lbs.	15,093,798
Phenol	lbs.	178,742
Toluol	gals.	615,668
Xylol	gals.	139,622

Paper Production

Paper production as a percentage of six-day capacity was 105.0 in the week ended March 23, according to the American Paper and Pulp Association. This compares with 104.1 in the previous week and 92.1 percent a year ago.

OPD—4-1-1946

Ammonium Sulphate Situation Criticized

OPD Washington Bureau

The Administration was charged by the Republican congressional food study committee March 22 with bungling the overall direction of the food program with the result that the country is now faced with the choice of sharing its own insufficient supplies of ammonium sulphate with its former enemies, or getting ready to cope with the unrest that comes when a people is hungry.

Representative Thomas A. Jenkins of Ohio, chairman of the committee, said that his group had been informed that the army has filed with the Department of Agriculture and the Combined Food Board a request for fertilizer nitrogens amounting to more than 1,200,000 tons of ammonium sulphate. Production of ammonium sulphate this year is expected to amount to only 900,000 tons, he said, which is considerably less than we should have to meet our own fertilizer requirements.

Of the amount sought by the army, Mr. Jenkins said, 1,040,000 tons are

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Quebracho Extract Ceilings Raised

OPD Washington Bureau

The Office of Price Administration has authorized an increase in ceiling prices for solid quebracho extract for sales by importers of 11/16c. a pound exdock U.S. port of arrival, the new prices for ordinary quebracho extract, basis, 63 percent tannin, are $6.3125 and for clarified extract, basis 64 percent tannin $6.8125 per 100 pounds in carload lots, exdock U.S. port of arrival, basis $12 a long ton ocean freight and $1 per long ton for total insurance, any increase or decrease of actual ocean freight or insurance for buyer account. Due to the recent reduction in ocean freight rates the net increase over previously established prices amounts to 56 cents per 100 pounds.

The action became effective with the issuance of amendment No. 4 to RMPR 531, March 29, which also provided for other minor increases in ceilings for uruanday extract, divi divi, myrobalans tarra and algarodilla.

Casein Price Ceiling Raise Is Urged

Representatives of the casein importers and users urged at a meeting with officials of the Civilian Production Administration, the Office of Price Administration and the Department of Agriculture March 26 that ceiling prices on casein be raised to 38 cents a pound in order to encourage imports of the material and greater production from domestic sources.

Rising world prices for casein coupled with increased demand and short supplies has made it virtually impossible to add to supplies either from domestic sources or from Argentina under existing price ceilings of 24 cents a pound, it was argued. The only immediate relief measure the industry could see that would be helpful was a lifting of the ceiling so that exports from Argentina could be resumed.

Representatives of the OPA could give no indication of what its decision might be but agreed to take the industry's request under advisement.

Cancer Control Month Proclaimed

The month of April was proclaimed Cancer Control Month by President Truman in a proclamation March 25 calling upon the medical profession, governors of the States and the various media of public information to impress upon the people the necessity of a program for control of the disease by education and other cooperative means.

Mr. Truman said that cancer is the second highest cause of death in the United States and was responsible last year for more than 170,000 deaths. Deaths from cancer during the period of the second World War, he said, exceeded the number of war casualties of the United States armed forces.

Farm Chemistry Chief

Dr. L. B. Howard has been appointed chief of the Bureau of Agricultural and Industrial Chemistry, to succeed Dr. O. E. May, who left the Department of Agriculture March 31 to join the Coca-Cola Company. Dr. Howard, who has been with the bureau for fourteen years, was named assistant chief last November.

Lead Chemicals Control Tightening Favored

OPD Washington Bureau

Because of the critical shortage of lead, members of the Lead Pigment Industry Advisory Committee have given their approval to a proposed new regulation which will further limit the use of lead and lead chemicals, the Civilian Production Administration ha sannounced. The proposed new regulation, it was stated, would affect the quantity of lead and lead chemicals used by such industries as paint, glass, rubber, petroleum, printing ink and ceramics.

The committee was told that if CPA issues the new order it may decrease the amount of lead available for lead chemicals by approximately 18 percent. The proposed new order also would establish the amount used during the first six months of 1944 as the base period upon which future allotments would be figured. While industry leaders did not oppose the proposed order they pointed out that it would further reduce their allotments of lead chemicals which at the present time are about 45 percent of their requirements.

Potash Perchlorate Plant For Sale or Lease

The War Assets Administration is offering for sale or lease a potash perchlorate plant, Claremore, Okla., with a capacity of 200 tons a month.

Soybean Oil Traded For Syrian Olive Oil

The Department of Agriculture announced March 26 that 200 metric tons of soybean oil will be allocated for export to Syria and an additional 200 metric tons will be allocated for export to Lebanon in exchange for equal quantities of olive oil for importation into the United States.

These allocations are being made for the April-June quarter. Applications by private exporters for export licenses for the shipment of soybean oil to Syria and Lebanon should be sent to the Office of International Trade, Department of Commerce, Washington 25, D. C.

Chestnut Extract Shortage Acute

American leather tanners and shoe manufacturers are faced with the most serious emergency in many years as a result of a decline in production of chestnut extract to a point below the minimum needs of the tanning industry, John D. Small, administrator of civilian production said in his monthly report March 28.

Production of chestnut extract has been decreasing steadily since 1941, and has been under allocation since November, 1943. So serious has the situation become that the January and February, 1945, allocations had to be cut 50 percent below what is considered the minimum needs of the industry.

Of the materials available for producing tanning extracts, domestic chestnut wood accounts for approximately 28 percent of the total consumption, Mr. Small said, while imported raw materials and extracts aggregate about 65 percent of total consumption. Continuing, his report said:—

Inventories of the raw material, chestnut wood, have become nearly nonexistent. Several extract producers have already ceased operations and the industry is faced with further curtailment of output. The raw material consists principally of dead wood gathered in the forests of the Appalachian area. Lack of labor in the woods to gather this chestnut wood is the chief reason for the loss of production of chestnut extract. Facilities are ample to take care of presently forseeable demand.

Chestnut wood inventories have declined from a reported 476,000 cords in early 1942 to 154,000 cords reported in the fourth quarter of 1945. A mere trickle of wood is coming in now. While the open weather season should increase the flow, there is no prospect of supplies in quantity.

Coconut Oil Import Duty Lifting Asked

OPD Washington Bureau

The Philippine Islands will be permitted to ship 200,000 long tons of coconut oil to the United States free of duty until 1955 and thereafter the amount that can enter the country exempt from ordinary customs duty will be reduced 10,000 long tons annually until 1974 when all limitations will be lifted, under terms of the Philippine trade bill (H.R. 5856) reported to the house March 26 by the ways and means committee.

The bill provides that this shall be an absolute quota, which means that even if the islands were able to export more than 200,000 long tons annually to the United States they will not be permitted to do so. The 200,000-long ton quota, however, is more than the quantity of coconut oil ever shipped to the United States from the Philippines in the past. Its year of greatest exports of the oil to this country was in 1929 when the United States imported 207,990 short tons, equivalent to approximately 185,525 long tons.

Other products for which absolute quotas are established are:—sugar, 850,000 short tons of which not more than 50,000 short tons may be refined sugars; cordage, 6,000,000 pounds; rice, 1,040,000 pounds; cigars, 20,000,000; scrap tobacco, 6,500.000 pounds; and buttons of pearl or shell, 850,000 gross.

No quotas are provided on other articles of Philippine export, such as copra, copra cake and meal, abaca, etc., which have figured prominently in the islands' export trade. These articles will be allowed entry free of ordinary customs duties until July 3, 1954; from July 4 until December 31, 1954, they will be dutiable at 5 percent of the lowest United States duty accorded to any foreign country (now Cuba), and for the calendar year 1955 at 10 percent of such duty. For the calendar years 1956 to 1972, inclusive, the duty will be increased annually by an additional 5 percent until in the period January 1, 1973 to July 3, 1974, imports will be dutiable at 100

—Continued on page 60

Fissionable Materials Reserved for U.S.

OPD Washington Bureau

Mineral rights to fissionable materials located on Government-owned lands sold or leased under the provisions of the surplus property act are to be reserved to the United States as provided in amendments made to surplus property regulations by the War Assets Administration.

Fissionable materials are defined as deposits of thorium, uranium, and elements higher than uranium in the periodic table, and deposits from which substances can be refined or produced readily capable of transmutation of atomic species, the production of nuclear fission or release of atomic energy.

The WAA action provides that in any deeds of conveyance or leases executed the right of the United States to enter upon, prospect for, mine and remove at any and all times all fissionable materials, shall be reserved in lands disposed of under the surplus property act, except on lands which do not contain fissionable materials as may be determined by the Secretary of the Interior. The amendments made apply to SPA Regulations, Rev. 5, Rev. 10, 16, and 20.

Surplus Commodities Offered by Agencies

The War Assets Administration is offering the following surplus materials for sale:—

Smokeless powder:—20,000,000 pounds for sale through the War Assets Administration's 31 regional offices.

Bottles:—5-gallon capacity, War Assets Administration, Consumers Goods Division, Lafayette Building, Fifth and Chestnut streets, Philadelphia 6, Pa.

The Department of Agriculture is offering the following surplus materials for sale:—

Turpentine, Sulphate:—16,800 gallons, 820th AAF Specialized Depot, South Bend, Indiana.

Pine Pitch:—31,000 pounds, U. S. Naval Shipyard, Portsmouth, N. H.; 25,000 pounds, Naval Supply Depot, Oakland, Calif.

Washington Talks It Over

The OPD Observer

Time is running out for the proponents of a lot of major legislation now pending in Congress around which quite a bit of opposition exists. The leadership has set adjournment of the session sine die tentatively early in July. This leaves only about two months for consideration of such must bills as OPA extension, second war powers act extension, and the regular appropriation bills. A good part of April, incidentally, will be spent in recess to enable the members to go home for the Easter holidays and rebuild their political fences.

Included among the many bills that have been the center of attention off and on and now face grave doubts of being enacted into law this year, are the Pepper-Norton wage-hour bill, the Reece FTC amendment bill, the Kefauver bill to amend section 7 of the Clayton act, the Kilgore-Magnuson, et al bills for expansion of government sponsorship of scientific research, and the Hill-Bankhead fertilizer bill—to name only a few.

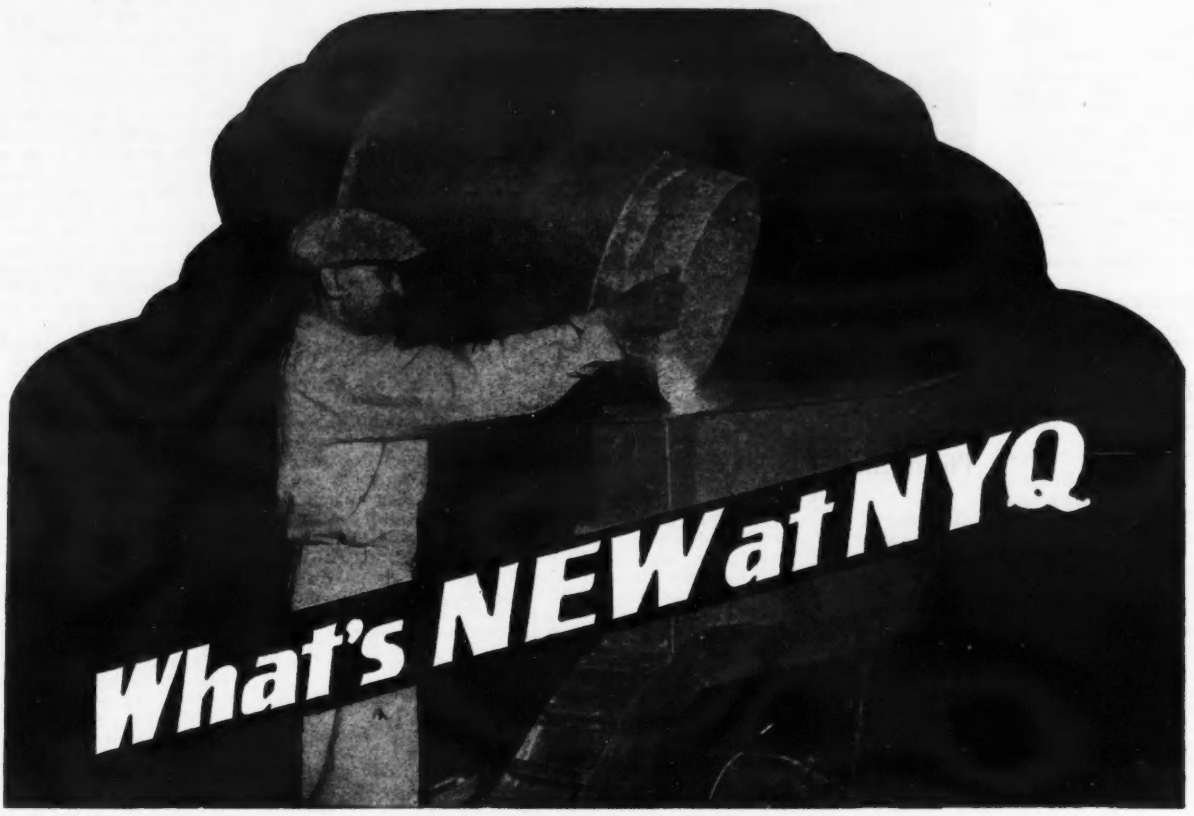
This being the year of national elections for every member of the house and one-third of the senators, politics naturally is beginning to play a most important part in the consideration of all controversial legislation. Republicans in the senate already are circulating a protest against the Kilgore committee that has been investigating technological mobilization, charging that Mr. Kilgore's aids are using the committee to further Mr. Kilgore's aims. And because it is a year of elections every member is anxious to get out of Washington as soon as possible for his campaign, which makes it a pretty sure bet that the session will end in July as planned.

Scientific Work for War

The emphasis which the War Department plans to place on scientific research and development in the postwar period is forcing those in the higher echelons to give another look into the department's past policies of recruitment and retention of scientific and technical personnel. During the war there was a lot of complaint that the department was not making proper use of the skilled men swept up in the draft. Now the department is to go in for research in a big way; apparently it has seen the light.

Secretary Patterson recently sent a memorandum to the chief of staff and the commanding generals of the air, ground, and service forces in which he called attention to the fact that, in

—Continued on page 26



"Quinine Joe"

The story of "Quinine Joe" is new only in its presentation. Actually, it began many years ago when first he became associated with NYQ's Quinine extractional activities. Long experience with Quinine Sulfate provides a sound basis for the certainty that, from start to finish, every step in the NYQ process is carefully controlled to make it consistently USP.

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OPD—4-1-1946

Southern Paint-Varnish Production Men Meet

The Southern Paint and Varnish Production Club got almost 300 persons to its first meeting after the two-year suspension enforced by war conditions. The meeting was in New Orleans, March 21 and 22. It was followed, March 23, by a meeting of the club's executive and advisory committees. Among those in attendance were President Paul O. Blackmore, of the parent Federation of Paint and Varnish Production Clubs; E. L. Gott and A. E. Stauderman, former national presidents; V. C. Bidlack and Robert Matlack, chairmen of federation technical groups, and representatives of a dozen clubs in other sections of the country.

The Southern club's president, I. J. Dyson, restrained his oratorical bent and confined his opening address to a few words of welcome and congratulation. He introduced Mr. Blackmore, who brought from the federation an appreciation of the work of the members of its affiliated local clubs in the furtherance of the technical cooperation and exchange in which the federation was a pioneer in the days when technical data were carefully confined to little black books. He also told of the federation's plans for broader activity.

Additional revenue, expected from the just-started insertion of advertising in the Official Digest, Mr. Blackmore said, would enable the national officers to travel more widely in visiting local clubs. The federation is revising its setup, and plans to establish fixed headquarters with a permanent executive secretary. The membership of the executive committee will be increased, and the advisory committee will be enlarged through representation of all local clubs. The plans call for the equipping of the manufacturers committee for new work and the broadening of research in every field, with larger grants for local club committees. A particular study of the chemistry of film formation is planned, under the direction of J. S. Long.

A large part of the Southern club's meeting was devoted to a comprehensive report by Dr. Paul Weber, of Georgia School of Technology, on the club project of physical study of primers in two-coat paint systems applied to Southern yellow pine. This report, based on data from panel exposures of almost 300 primers, carried the study through the effects of (1) pigment variations and (2) vehicle variations in the primer coat. Two sets of basic formulas are used:—(1) Zinc sulphide-leaded zinc oxide-extender and (2) titanium-white lead-extender. The vehicles are various combinations which include, overall but not necessarily in any one formula, several types of varnish oils, raw, alkali-refined, boiled, and blown linseed oils, alkali-refined soybean oil, dehydrated castor oil, tung oil, high-flash naphtha, mineral spirits, dipentene, ester gums, synthetic resins, and metallic driers.

Other subjects covered in papers and addresses included anticorrosion primers (Dr. H. S. Davidson, of the Imperial Paper & Color Corporation), mildew tests (Francis Scofield, of the N.P.V.L.A. scientific section), drying oils ([1] Dr. Alexander Schwarcman, of Spencer Kellogg & Sons, and [2] Gerald Eisenschiml, of the Scientific Oil Compounding Company), new finishes (Robert J. Moore, of the Bakelite Corporation), extender pigments (Dr. R. L. McCleary, of Thompson, Weinman & Co.), ultrafine calcium carbonate (James Heckel, of the R. T. Vanderbilt Company). These contri-

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Petroleum Toluol Plant Sold to Humble Oil

OPD Washington Bureau

All usable facilities of the Baytown Ordnance Works toluene plant at Baytown, Texas, the first plant of its kind to be erected for the production of toluene from petroleum, will be sold to the Humble Oil & Refining Company, the wartime operator of the plant, for $6,948,394 in cash, War Assets Corporation has announced. The sale is subject to priority rights of federal government agencies.

Actual cost of the entire plant, including catalysts, chemicals, spare parts and operating supplies on hand as of August, 1945, amounted to $14,185,866.

P.A.'s-Eye View of Business

Composite view, March 31, of purchasing agents composing the Business Survey Committee of the National Association of Purchasing Agents

Business is better than a month ago, in the opinion of a majority of purchasing agents reporting. Business sentiment, however, does not seem to match the statistical evidence that reconversion is practically completed and that expanding production and retail sales are breaking peacetime records. Business sentiment is characterized by a general tone of discouragement, rather than outright pessimism. This unusual condition probably reflects the impatience to expand employment, production and sales; while cost and price uncertainties, materials shortages, or labor's activities and productivity continue to prevent positive forward planning and act as a brake on current operations.

Maladjustments created by "poverty in the midst of plenty" in the 30's seem to be duplicated in the reports of scarcities and shortages prevailing now in industry at the same time that production indices are at the highest point in peacetime history. Apparently, many basic commodities and industrial materials in short supply are not responsible for those production records—and further labor troubles will aggravate the problem.

Comments by purchasing agents, that general business conditions are unstable, confused, lack confidence—and the repeated opinion "would improve rapidly, if"—may represent a belief that the peak of the boom may be passing instead of approaching, so far as their particular companies are concerned. The optimistic postwar-planning anticipations of several months ago certainly seem to have passed their peak, as buyers and sellers realistically face cost, price, materials, and production problems, with the supply of unskilled labor and increasing unemployment becoming more evident.

Pacific coast reports that settlement of the strike of machinists at San Francisco will relieve a condition that severely handicapped manufacturing operations for several months. The problem of steel sheets is becoming difficult because Eastern suppliers will not absorb freight to sell on the new Pacific coast base. Retail sales continue high, but shortages of materials are limiting manufacturing output and curtailing construction. Railroad freight movement has dropped very noticeably on the coast, but passenger traffic continues at peak figures.

Purchasing men in Canada report business continues at high levels, but two thought-provoking developments are mentioned. First, merchandise and appliances which were not available during the war are appearing in distribution channels, but some of the predicted and expected demand for them has failed to materialize. Second, these industrial buyers anticipate labor troubles as Canada's labor unions attempt to obtain wage advances comparable to those recently granted to U.S.A. labor. Fear of labor disturbance and unemployment is given as one reason for the drop in demand by consumers.

Commodity Prices

Commodity prices are reported higher, and with rare exception, no indication of weakness is apparent. Purchasing agents report that the bulge in the line which settled the steel strike has unsettled many other prices. Numerous increases have been authorized and more are expected.

The theoretical contention that increased wages do not require an increase in prices blew up, with repercussions in all industries that have accepted or are now considering acceptance of the recommended government wage policy. The attempted exception in the steel case is rapidly becoming the rule, with increases in prices of other commodities being granted to compensate for higher costs of labor and materials.

Even greater uncertainty in prices and instability of costs are anticipated by buyers over the next several weeks. Extension of OPA authority, or the form in which it will be extended, will be under consideration by Congress. It may not be settled until approach of the deadline, June 30. To take advantage of any freedom to price movements that may be given by congressional action, or by failure to extend the price-control authority, suppliers are resorting more generally to open-pricing by means of adjustment provisions in sales agreements. Firm prices are limited largely to spot purchases and near-term deliveries, or to items in ample supply. According to the viewpoint of purchasing agents reporting, business transactions could hardly be on a more uncertain and indefinite price basis.

The advisability of extending price-control beyond June 30 has become controversial among purchasing agents. From almost complete endorsement of price-control, expressed in reports a month or two earlier, the opinion is now divided. Some believe direct negotiation between buyer and seller would remove major uncertainties which are now holding back manufacturing operations and that, where higher prices resulted, they would provide the incentive to expand production. Others are equally certain the lifting of price-controls would precipitate chaotic market conditions, with the possibility that profitably high prices based on present or limited production might remove much of the incentive for expansion. It is conceded that expansion is necessary if the dangers of inflation are to be overcome.

Inventories

Industrial inventories are reported to be the same as, or lower than, a month ago. Although increased production was reported to have cut into inventory, the principal reason for the decline was said to be curtailment of production by suppliers, due to strikes. The steel strike had a wide effect on users' stocks.

Buying Policy

Purchasing policies, according to these reports, are practically dictated by supply conditions and production schedules of suppliers.

It is interesting to note that the period of forward buying has increased within the month. It is now reported to range from three to nine months, with an average of about six months. Last month the range was four to six months. The extension of buying policy can hardly be strongly influenced by speculative possibilities, because most suppliers are selling future pro-

—*Continued on page* 51

Association Meeting Dates

American Chemical Society, Convention hall, Atlantic City, N. J., April 8.

American Drug Manufacturers Association, Cavalier hotel, Virginia Beach, Va., May 6-9.

American Foundation for Pharmaceutical Education, New York, April 1.

American Institute of Chemists, Biltmore hotel, New York, May 17-18.

American Spice Trade Association, Astor hotel, New York, May 6-8.

American Trade Association Executives, Ritz-Carlton hotel, Atlantic City, N. J., April 29.

American Tung Oil Association, San Carlos hotel, Pensacola, Fla., April 26-27.

American Turpentine Farmers Association Caldosta, Ga., April 16-17.

Chamber of Commerce of the United States, Convention hall, Atlantic City, N. J., April 30-May 2.

Chemical Market Research Association, Statler hotel, Detroit, April 25.

Interstate Oil Compact Commission, Tulsa hotel, Tulsa, Okla., April 11-13.

National Association of Purchasing Agents, Chicago, May 27-29.

National Wholesale Druggists Association, Palmer House, Chicago, April 17-18.

Packaging Exposition, Convention hall, Atlantic City, N. J., April 2-5.

Packaging Machinery Manufacturers Institute, Convention hall, Atlantic City, N. J., April 1.

Plastic Exposition, Grand Central Palace, New York, April 22-27.

Society of Chemical Industry, American Section, Roosevelt hotel, New York, April 4.

Society of the Plastics Industry, Commodore hotel, New York, April 23-24.

Toilet Goods Association, Waldorf-Astoria hotel, New York, May 15-17.

Industrial Application Of Chemicals

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Pyrophyllite

(*Continued from February 4 issue*)

(Through the inadvertent omission of a heading the following appeared under "Methyl Gallate" in the March 11 issue.)

Glass—Talc substitute as dusting agent (antisticking agent) for molds, as polishing agent for plate glass.

Insecticide and Fungicide—Diluting agent for DDT in the formulation of delousing powders. Filler in agricultural insecticidal preparations.

Leather—Talc substitute as filler in finishing, dressing, impregnating, and polishing preparations.

Linoleum and Oilcloth—Talc substitute as dusting and antisticking agent and filler.

Mechanical—Ingredient of lubricants.

Metallurgical—Talc substitute as mold-dusting agent.

Miscellaneous—Adsorbent for various purposes.

Dusting agent for various purposes.

Filler for various purposes, specifically in coatings, crayons, chalks, pollishes.

Material for slate pencils.

Paint, Varnish, and Lacquer—Talc substitute as filler in paints.

Paper—Talc substitute as filler in insulating, roofing, and wrapping paper.

Plastics—Talc substitute as filler in plastics.

Refractory—Ingredient of refractory cements.

Rubber—Talc substitute as dusting and antisticking agent for automobile tubes and rubber goods of all descriptions, and as filler in rubber goods.

Textile—Talc substitute as filler for fabrics, carpets, rugs, sizing compositions.

Wood—Talc substitute as filler in plastic wood and molding compositions.

ACS Atlantic City Meeting Starts April 8

Peacetime applications of wartime developments in plastics, petroleum, rubber, medicinal chemistry, gas and fuel, food and other fields will feature the 109th annual meeting of the American Chemical Society, to be held in Atlantic City, N. J., April 8-12.

More than 100 local sections of the society will be represented at the meeting, and several hundred papers will be presented at sessions of seventeen of the society's professional divisions.

An innovation at the meeting will be a joint forum of six divisions on the subject of polymers, sponsored by the paint, varnish and plastics division headed by Dr. Adolph C. Elm, of the New Jersey Zinc Company, New York.

NPVLA and FPVPC Conventions Set

The 1946 convention of the National Paint, Varnish and Lacquer Association will be held November 6 to 8, 1946, in Atlantic City, N. J., with the Traymore hotel as headquarters hotel and with the Claridge as auxiliary and other member hotels cooperating. The convention of the Federation of Paint and Varnish Production Clubs will be held on November 4 and 5, with committee meetings on November 3 at the same hotels.

Thinner Specification For Enamel Proposed

OPD Washington Bureau

The technical committee on paints and varnishes of the Federal Specifications Board has proposed a specification for thinner for synthetic enamel, based on U. S. Army Specication 3-176. The committee requests that comments, criticisms and suggestions on the proposed specification be submitted by April 20.

OPD—4-1-1946

PURE Vitamins

—products of Merck Research

Merck research has been directly responsible for many important contributions to the synthesis, development, and large-scale production of individual vitamin factors in pure form.

In a number of instances, the pure vitamins may be considered to be products of Merck research. Several were originally synthesized in the Merck Research Laboratories, and others have been synthesized by Merck chemists and collaborators in associated laboratories.

Because most of the known vitamins have now been made available in pure form, effective therapy of specific vitamin deficiencies can be conducted on a rational and controlled basis, under the direction of the physician.

You are invited to write for literature

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★ ★ ★

MERCK

contributions

1934—Ascorbic Acid Merck was made available by Merck & Co., Inc.

1936—Crystalline Vitamin B_1 was synthesized in the Merck Research Laboratories.

1937—Vitamin B_1 (Thiamine Hydrochloride Merck) was made commercially available.

1938—Nicotinic Acid Merck (Niacin) and Nicotinamide Merck (Niacinamide) were made available.

1938—Riboflavin Merck was the second pure crystalline vitamin to reach production during that year.

1938—Alpha-Tocopherol (Vitamin E) was identified and synthesized by Merck chemists and their collaborators in other laboratories.

1939—Crystalline Vitamin B_6 was synthesized in the Merck Research Laboratories.

1940—Vitamin B_6 Hydrochloride Merck (Pyridoxine Hydrochloride) became available.

1940—Alpha-Tocopherol Merck (Vitamin E) was made commercially available.

1940—Vitamin K_1 Merck (2-Methyl-3-Phytyl-1, 4-Naphthoquinone) was made available.

1940—Menadione Merck (2-Methyl-1, 4-Naphthoquinone), a pure compound having marked Vitamin K activity, became available.

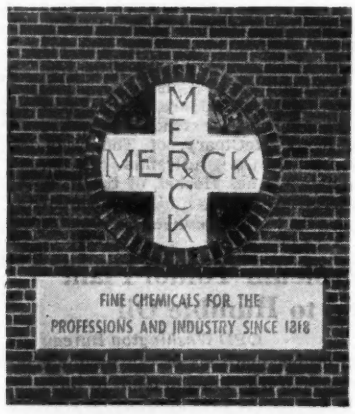
1940—Crystalline Pantothenic Acid, member of the Vitamin B Complex, was identified and synthesized by Merck chemists and their collaborators in other laboratories.

1940—The Calcium Salt of Dextrorotatory Pantothenic Acid was made available by Merck & Co., Inc.

1943—Crystalline Biotin, member of the Vitamin B Complex, was synthesized in the Merck Research Laboratories.

1944—Biotin Merck was made available by Merck & Co., Inc.

Merck & Co., Inc. now manufactures all the vitamins commercially available in pure form, with the exception of vitamins A and D.



Current Market Quotations Chemicals and Related Materials

March 28, 1946

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).			
Acetaldehyde, 99%, dms., 55 gals., works	lb.	.11	—
5 and 10 gals., works	lb.	.14	—
Acetaldol (see Aldol).			
Acetamide, CP, fib. dms., 5,000 lbs. a year, works	lb.	.36	—
smaller lots, works	lb.	.38	.70
tech., fib. dms., 5,000 lbs. a year, works	lb.	.28	—
smaller lots, works	lb.	.30	.50
Acetanilide, tech., cryst., bbls.	lb.	.29	.31
powd., bbls.	lb.	.27	.29
USP, cryst., bbls.	lb.	.36	.37
kgs.	lb.	.37	.39
powd., bbls.	lb.	.34	.35
kgs.	lb.	.35	.37
Acetic anhydride, dms., c.l., frt. alld.	lb.	.11½	—
l.c.l., frt. alld.	lb.	.13	—
Acetoacetanilide, bbls., dms.	lb.	.49	.67
Acetone, CP,[1] dms., c.l., dlvd.	lb.	.07	—
l.c.l., dlvd.	lb.	.07½	—
tanks, dlvd.	lb.	.06	—
Methyl (see M).			
Acetonitrile, dms., c.l., works.	lb.	.35	—
l.c.l., works	lb.	.40	—
5-gal. lots, works	lb.	.45	—
less than 5-gal. lots, works	lb.	.50	—
Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots	lb.	1.00	—
dms.	lb.	1.08	1.10
Acetophenone, cns., dms.	lb.	1.50	1.75
Acetyl chloride, cbys., works	lb.	.60	—
Acid, abietic, dms., c.l., wks.	lb.	.07½	—
Acetic,[1] cem'l or redist., 28%, bbls.	100 lbs.	3.38	3.63
50%, bbls.	100 lbs.	5.58	5.83
70%, bbls.	100 lbs.	6.68	6.93
80%, bbls.	100 lbs.	7.47	7.72
99.5%, bbls.	100 lbs.	9.15	9.40
glacial, nat., c.p., dms., works, 100 lbs.	100 lbs.	12.50	13.25
99.5%, bbls.	100 lbs.	9.15	9.40
tanks	100 lbs.	6.93	7.25
synth., tech., bbls., works, 100 lbs.	100 lbs.	9.15	9.40
dms., works	100 lbs.	9.25	9.75
tanks, works	100 lbs.	6.93	7.25
USP, dms., works.	100 lbs.	10.50	11.00
pure, 30%, bbls.	100 lbs.	4.41	4.60
36%, bbls.	100 lbs.	4.86	5.11
60%, bbls.	100 lbs.	7.60	7.85
80%, bbls.	100 lbs.	9.25	9.51
USP, 36%, cbys.	lb.	.08	.10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride (see Acetic anhydride).			
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots	lb.	.45	—
smaller lots	lb.	.46	.59
standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), bbls., same basis.	lb.	.40	.54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works	lb.	.26½	—
Aminoacetic, USP (see Glycine).			
Anthranilic, resub., bbls.	lb.	1.20	1.25
tech., bbls.	lb.	.95	—
Arsenous, tech. (see Arsenic, white).			
USP, powd., dms., kgs.	lb.	.20	.22
Ascorbic,[1] USP, dms., 500-kilo lots	kilo.	24.50	—
25-50 kilo lots	kilo.	25.00	—
10-kilo lots	kilo.	25.25	—
5-kilo lots	kilo.	25.70	—
bots., kilo lots	kilo.	26.41	—
500 grams	kilo.	27.47	—
Battery, cbys., c.l., E. works, 100 lbs.	100 lbs.	1.60	—
l.c.l., E. works	100 lbs.	1.95	2.55
Benzoic, tech., bbls., 4,000 lbs. or more	lb.	.43	—
1,000 to 3,900 lbs.	lb.	.44	—
900 lbs. or less	lb.	.47	—
USP, bbls., 4,000 lbs. up	lb.	.54	—
1,000 to 3,900 lbs.	lb.	.55	—
900 lbs. or less	lb.	.58	.59
dms., 4,000 lbs. up	lb.	.55	.56
1,000 to 3,000 lbs.	lb.	.56	.57
900 lbs. or less	lb.	.58	.59
Betaoxynaphthoic, bbls., works.	lb.	.95	—
Boric, tech., 99.5% cryst. (same as prices for powder). gran., bgs., c.l., frt. alld.	ton.	99.00	—
ton lots, ex whse.	ton.	111.00	—
less than ton lots, ex whse.	ton.	116.00	—
bbls., c.l., frt. alld.	ton.	109.00	—
ton lots, ex whse.	ton.	121.00	—
less than ton lots, ex whse.	ton.	126.00	—
bulk, frt. alld.	ton.	95.50	—
powd., bgs., c.l., frt. alld.	ton.	104.00	—
ton lots, ex whse.	ton.	116.00	—
less than ton lots, ex whse.	ton.	121.00	—
bbls., c.l., frt. alld.	ton.	114.00	—
ton lots, ex whse.	ton.	126.00	—
less than ton lots, ex whse.	ton.	131.00	—
USP $25 per ton higher.			
Butyric, 99%, dms., c.l., works,	lb.	.29	—
l.c.l., same basis	lb.	.30	—
Broener's bbls	lb.	1.11	—
Acid, cacodylic, bots.	lb.	13.50	14.50
Camphoric, cns.	lb.	6.95	7.00
Caprylic, 99%, dms.	lb.	No stocks	
Capric, tech., ret. dms.	lb.	No stocks	
Castor oil,[1] split, ret. dms.	lb.	No stocks	
Chlorosulphonic, dms., c.l., works.	lb.	.03	—
l.c.l., works	lb.	.03½	.04½
tanks, works	lb.	.02½	—
Chromic, 99½-99¾%, dms., c.l.,	lb.	.17	—
l.c.l.	lb.	.17½	.19
Cinnamic, refd., bots.	lb.	3.00	3.25
Citric, anhyd., gran., dms., c.l.	lb.	.22½	—
l.c.l., 10,000 lbs. 1 ship't.	lb.	.23	—
smaller lots	lb.	.23½	.26½
kgs.	lb.	.23½	.26½
USP, cryst., gran., bbls., c.l.	lb.	.20	—
l.c.l., 10,000 lbs. 1 ship't,	lb.	.20½	—
smaller lots, bbls.	lb.	.21	—
dms.	lb.	.23	.24
kgs.	lb.	.21½	—
powdered citric acid, ½c. higher.			
Cleve's, bbls.	lb.	.65	—
Coconut oil,[1] dist., dms.	lb.	.17½	.19½
Corn oil,[1] s.d., dms., c.l., wks.	lb.	.12	—
Cottonseed oil,[1] s.d., dms., c.l.	c.l. lb.	.12	.13
tanks, dlvd.	lb.	.11¼	.12¼
Cresylic, dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald.	gal.	.81	—
l.c.l., same basis	gal.	.83	—
tanks	gal.	.75	—
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref.	gal.	.490	—
Sewaren, N. J., ref.	gal.	.616	—
1-19, Cal. ref.	gal.	.510	—
Sewaren, N. J., ref.	gal.	.636	—
tanks, dlvd.	gal.	.586	—
light grade (200°-246°), tanks, Cal. ref.	gal.	.690	—
medium grade (220°-246°), dms., 20, Cal. ref.	gal.	.50	—
Sewaren, N. J., ref.	gal.	.636	—
1-19, Cal. ref.	gal.	.570	—
Sewaren, N. J., ref.	gal.	.696	—
tanks, dlvd.	gal.	.646	—
Crotonic, bbls., Canadian, wks.,	lb.	.25	—
Dichlorophenyoxyacetic, fib. dms., c.l., works.	lb.	.80	—
l.c.l., works	lb.	.85	.95
Salt, fib., dms., c.l., works.	lb.	1.00	—
l.c.l., works	lb.	1.10	1.20
Diethylbarbituric (see Barbital).			
F (see Acid, monosulphonic).			
Formic, 85%, cbys., c.l., wks.	lb.	.10	—
l.c.l., works	lb.	.10½	.11
90%, cbys., c.l., works	lb.	.10½	—
l.c.l., works	lb.	.11	.11½
Fumaric, tech., bbls., dms.	lb.	.27	.31
Gallic, NF V, bbls.	lb.	1.27	1.30
fib. dms.	lb.	1.32	—
technical, bbls.	lb.	1.10	1.15
Gamma, bbls.	lb.	.85	—
Gluconic, tech., 50%, bbls.	lb.	.12	—
dmjn.	lb.	.21	.23
kgs.	lb.	.14	.15
Glutamic hydrochloride, dms.	lb.	2.00	2.40
Glycolic (see Acid, hydroxyacetic).			
H, bbls.	lb.	43½	.45
Hydriodic, 45-47%, cbys.	lb.	2.42	2.44
5-lb. bots.	lb.	2.57	—
57%, bots.	lb.	2.90	—
Hydrobromic, medicinal, 48%, cbys., dlvd. E.	lb.	.45	—
tech., 48%, cbys., same basis.	lb.	.45	—
34%, cbys., same basis	lb.	.35	.37
Hydrochloric (see Acid, Muriatic).			
Hydrocyanic, cyls., works.	lb.	.80	1.00
NF, dilute, 2%, 5-lb. bots.	lb.	.30	.34
Hydrofluoric, anhyd., cyls., wks.	lb.	.19	.19½
tanks, works	lb.	.16	—
30%, rubber dms., works.	lb.	.08	.09
48%, rubber dms., works.	lb.	.12	—
52%, rubber dms., works.	lb.	.12½	—
60%, rubber dms., works.	lb.	.13½	—
Hydrofluosilicic, 30-35%, bbls.	lb.	.08	.09
Hydroxyacetic, 70% tech., bbls., non-return. Phila.	lb.	.094	—
tanks, Belle, W. Va., acid basis.	lb.	.08½	—
Hypophosphorous, USP, djns.	lb.	.75	.77
Lactic, edible, 50%, cbys., 20 or more.	lb.	.12½	—
smaller lots	lb.	.13	.13½
80%, bbls., 5 or less	lb.	.24¼	.24¾
plastic grade, 50%, bbls., cbys., 20 or more.	lb.	.14¼	—
10 or less	lb.	.14¾	.15¼
80%, bbls., cbys., 5 or less.	lb.	.26	.26¼
tech., dark, 22%, bbls., c.l., works.	100 lbs.	2.90	—
l.c.l., works	100 lbs.	3.15	—
cbys., works	100 lbs.	4.15	—
44%, bbls., c.l., works, 100 lbs.	100 lbs.	6.30	—
l.c.l., bbls., works, 100 lbs.	100 lbs.	6.55	—
cbys., works	100 lbs.	7.55	—
light, 22%, bbls., c.l., works.	100 lbs.	3.90	—
l.c.l., works	100 lbs.	4.15	—
cbys., works	100 lbs.	5.15	—
44%, bbls., c.l., works, 100 lbs.	100 lbs.	7.30	—
l.c.l., works	100 lbs.	7.55	—
cbys., works	100 lbs.	8.55	—
USP XII, 85%, cbys.	lb.	.54	.57
USP VIII, 75%, cbys.	lb.	.52	.55
Acid, lauric, dist., 95%, dms.	lb.	.28	—
Laurent's, bbls.	lb.	.45	—
Linseed oil,[1,7] light, dms.	lb.	.21½	.22
Maleic, powd., dms.	lb.	.30	—
Anhydride (see M).			
Malic, powd., kgs.	lb.	.47	—
Mandelic, USP, dms., 1,000 lb. lots.	lb.	2.05	—
smaller lots	lb.	2.10	2.30
Mixed, tanks, nitric unit	lb.	.05	.06
sulphuric unit	lb.	.0035	.009
Molybdic,[1] kgs., works.	lb.	.95	1.10
Monochloracetic, tech., flakes, 96-97%, dms.	lb.	.16½	—
purified, flake, 99%, dms.	lb.	.20	—
Monosulphonic, bbls.	lb.	1.50	—
Muriatic, 18°, cbys., c.l., E. works.	100 lbs.	1.50	—
l.c.l., E. works.	100 lbs.	1.75	2.45
tanks, works.	100 lbs.	1.05	—
20°, cbys., c.l., E. works.	100 lbs.	1.75	—
tanks, E works.	ton.	22.00	—
22°, cbys., c.l., E. works.	100 lbs.	2.25	—
tanks, E. works.	ton.	32.00	—
CP, USP, consumers, cbys. extra.	lb.	.06	—
6-lb. bots., extra.	lb.	.10	—
dealers, cbys. extra.	lb.	.06½	—
6-lb. bots., extra.	lb.	.08½	—
Myristic, dist., dms.	lb.	No stocks	
Naphthenic, 210-220 acidity, dms., extra, works.	lb.	.10¾	—
tanks, works.	lb.	.09	—
230-245 acidity, dms., extra, works.	lb.	.12¾	—
tanks, c.l., works.	lb.	.12	—
Nicotinic, USP, dms.	kilo.	6.50	6.80
Nicotinic amide (see Nicotinamide).			
Nitric, 36°, cbys., c.l., E. works.	100 lbs.	5.00	—
l.c.l., 25, E., works.	100 lbs.	5.25	—
10 to 24, works.	100 lbs.	5.35	—
1 to 9, works.	100 lbs.	5.95	—
38°, cbys., c.l., E. works.	100 lbs.	5.50	—
Western works.	100 lbs.	5.75	—
40°, cbys., c.l., E. works.	100 lbs.	6.00	—
42°, cbys., c.l., E. works.	100 lbs.	6.50	—
CP, USP, consumers, cbys. extra.	lb.	.13	—
7-lb. bots., cs., extra.	lb.	.15	—
dealers, cbys. extra.	lb.	.11½	—
7-lb. bots., cs., extra.	lb.	.13½	—
Oleic (see Oil, red).			
Oleum (see Acid, sulphuric, fuming).			
Oxalic,[1] bbls., c.l., works.	lb.	.11¼	—
10,000 lbs.	lb.	.11½	—
smaller lots.	lb.	.12½	—
Palm oil,[2] white, dist., dms.	lb.	No stocks	
Para-aminobenzoic, cns.	lb.	1.40	—
Paranitrobenzoic, cns.	lb.	.72	—
Paratoluidinmetasulphonic, bbls., works.	lb.	.80	—
Peanut oil,[1] s.d., tanks, works,	lb.	.11¼	—
Phenylacetic, bots.	lb.	1.65	1.85
Phosphoric, food grade, 50%, bbls., c.l., works, frt. equald.	100 lbs.	4.00	4.25
cbys., c.l., works, frt. equald.	100 lbs.	4.35	4.60
l.c.l., works, frt. alld., 100 lbs.	100 lbs.	5.25	7.25
tankwagon, dlvd. N. Y., Phila. Met. area.	100 lbs.	4.00	—
75%, bbls., c.l., works, frt. equald.	100 lbs.	4.75	5.00
cbys., c.l., works, frt. equald.	100 lbs.	5.10	5.35
l.c.l., frt. alld.	100 lbs.	7.00	9.50
tanks, works, frt. equald., 100 lbs.	100 lbs.	4.00	4.25
tankwagon, dlvd. N. Y., Phila. Met. area.	100 lbs.	4.75	—
USP, 100-lb. cbys., c.l.	lb.	.10½	—
10 cbys. to c.l.	lb.	.11½	—
2 to 9 cbys.	lb.	.12	—
single cbys.	lb.	.13	—
70-lb. cbys.	lb.	.10¼	—
25 cbys. to c.l.	lb.	.11½	—
5 to 24 cbys.	lb.	.12	—
1 to 4 cbys.	lb.	.13	—
dilut., 10%, cbys., djns.	lb.	.07	.07½
Picramic, kgs.	lb.	.65	.70
Picric, bbls.	lb.	.35	—
Propionic,[1] synth., pure, dms., works.	lb.	.19½	—
tanks, works.	lb.	.18½	—
Pyrogallic, tech., bbls.	lb.	1.45	2.03
USP, cryst., dms.	lb.	2.10	2.15
resub., dms.	lb.	2.60	2.65
Pyroligneous, dms., dlvd. E.,	gal.	.50	—
Ricinoleic, com'l split (see Acid, castor oil, split).			
Salicylic,[1] tech., bbls., c.l.	lb.	.26	—
100 lbs. to c.l.	lb.	.33	—
smaller lots.	lb.	.94	.42
USP, bbls., c.l.	lb.	.28	—
100 lbs. to c.l.	lb.	.35	—
smaller lots.	lb.	.36	.44
Sebacic, tech., dms., c.l., works,	lb.	.50	—
l.c.l., works.	lb.	.51	.52
Soybean oil,[1] s.d., dms., works,	lb.	.11¾	.16½
tanks, works.	lb.	.11	.15¾
Stearic,[1] double pressed, bgs., c.l., dlvd. E. Rockies.	lb.	.15¾	—
W. of Rockies.	lb.	.16¾	—
Texas and Okla., dlvd.,	lb.	.16¾	—
single pressed, bgs., c.l., dlvd. E. of Rockies.	lb.	.15¾	—
W. of Rockies.	lb.	.16¾	—
Texas and Okla., dlvd.,	lb.	.15¾	—
triple pressed, bgs., c.l., dlvd. E. of Rockies.	lb.	.16¾	—
W. of Rockies.	lb.	.19¾	—
Texas and Okla., dlvd.,	lb.	.19¼	—

Stearic acid l.c.l. prices are:—Ton lots, ½c. per lb. higher; less than ton lots, 1c. higher.

Succinic, bbls.	lb.	.75	—
Sulphanilic, CP, bots., works.	lb.	1.60	1.63
tech., dms., works.	lb.	.17	—
Sulphuric, 60°, cbys., c.l., E. works.	100 lbs.	1.25	—
l.c.l.	100 lbs.	1.50	2.20
tanks, E. works.	ton.	13.00	—
66°, cbys., c.l., E. works.	100 lbs.	1.50	—
tanks, E. works.	ton.	16.50	—
98°, tanks, works.	ton.	17.50	—
Acid, sulphuric, CP, USP, consumers cbys. extra.	lb.	08	—
9-lb. bots., cs. extra.	lb.	10	—
dealers, cbys. extra.	lb.	.06½	—
9-lb. bots., cs. extra.	lb.	.08½	—
fuming, 20%, tanks, E. works,	ton.	19.50	—
Tannic, tech., bbls., dms.	lb.	.71	.72
USP, fluffy, bbls., 1,000 lbs.	lb.	1.33	—
smaller lots.	lb.	1.35	1.36
powder, bbls., 1,000 lbs.	lb.	1.13	—
smaller lots.	lb.	1.15	—
Tartaric,[1] USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't.	lb.	.62½	—
smaller lots.	lb.	.63	—
kgs.	lb.	.63½	—
Thioglycolic, bbls., cbys., basis 100%.	lb.	2.00	3.00
Tobias, bbls.	lb.	.55	.60
Trichloroacetic, bots.	lb.	2.00	2.20
Tungstic,[1] CP, 100-lb. pkgs.	lb.	2.94	3.10
pure, 100-lb. kgs.	lb.	2.80	—
Aconite leaves, bls.	lb.	1.10	1.40
Root, bls.	lb.	1.80	1.85
Aconitine, amorph., bots.	oz.	23.00	28.00
15-gr. vials.	vial.	1.60	—
cryst., bots.	oz.	42.00	48.00
15-gr. vials.	vial.	1.60	—
Acrylonitrile, dms., c.l., works.	lb.	.30	—
l.c.l., works.	lb.	.32½	—
tanks, rorks.	lb.	.25	—
Adeps lanae,[1] USP, anhyd., cosmetic, dms., works.	lb.	.33	.34
pharmaceutical, dms., works.	lb.	.32	.33
Agar	lb.	3.50	—
San Diego, Cal.	lb.	3.00	—
Aguric, white, bls.	lb.	2.85	2.90
Albumen, blood, dark (see Blood, soluble).			
light, dms., Chicago.	lb.	.65	.70
egg, edible,[1,7] powd., bbls.	lb.	1.99	2.07
granular, cryst., bbls.	lb.	1.94	2.02
tech., cryst., bbls.	lb.	1.29	1.35
Alcohol, allyl, dms., c.l., dlvd.	lb.	.21	—
l.c.l., dlvd.	lb.	.21½	—
tankcars, dlvd.	lb.	.20	—
Amyl ex pentane, dms., c.l., frt. alld. E. of Miss. R.	lb.	.141	—
l.c.l., frt. alld.	lb.	.151	—
tanks, frt. alld.	lb.	.131	—
(see also Fusel oil, ref.).			
Benzyl, cns.	lb.	.70	.75
dms.	lb.	.65	—
Butyl, normal,[1] ferment, Ill., Ind. prod., dms., c.l., frt. alld.	lb.	.1980-	—
l.c.l., frt. alld. E.	lb.	.2030-	—
tanks, frt. alld. E.	lb.	.1880-	—
tankwagons, frt. alld.	lb.	.1980-	—
other production, dms., c.l., frt. alld. E.	lb.	.1950-	—
l.c.l., frt. alld. E.	lb.	.2000-	—
tanks, frt. alld. E.	lb.	.1850-	—
synthetic, dms., c.l., frt. alld. E.	lb.	.11¾-	—
l.c.l., frt. alld. E.	lb.	.12¾-	—
tanks, frt. alld. E.	lb.	.10¾-	—

Normal butyl alcohol prices in West, ¼c. per lb. higher.

secondary, dms., c.l., dlvd.	lb.	.095	—
l.c.l., dlvd.	lb.	.10	—
tanks, dlvd.	lb.	.04½	—
tertiary, denat., dms., c.l.	lb.	.12½	—
l.c.l., dms.	lb.	.13	—
tanks	lb.	.11	—
Capryl, dms., c.l., works.	lb.	.17½	—
l.c.l., works.	lb.	.18½	—
tanks, works.	lb.	.16	—
Cetyl, dom., CP, fiber ctns., 1,000 lbs.	lb.	1.75	1.80
smaller lots.	lb.	1.95	2.50
Cinnamic, bots.	lb.	3.00	3.25
Denatured,[1,7] CD14, cms., c.l., works, E.	gal.	.613	—
l.c.l., works, E.	gal.	.633	.658
tanks, E. dlvd.	gal.	.543	—

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., dms., c.l., E. works.	gal.	.612	—
l.c.l., works, E.	gal.	.632	.652
tanks, E. works.	gal.	.542	—

Anhydrous 5c. per gal. higher.

SD2B, dms., c.l., wks., E.	gal.	.60½	—
l.c.l., works, E.	gal.	.63½	.65½
tanks, E. works.	gal.	.53½	—
SD23G, dms., c.l., works.	gal.	.652	—
l.c.l., works.	gal.	.672	—
tanks, works.	gal.	.582	—
SD23H, dms., c.l.	gal.	.61	—
l.c.l., works, E.	gal.	.63	.66½
tanks, E. works.	gal.	.54	—
SD29, denatured, with acetaldehyde, dms., c.l., E. works.	gal.	.62	—
l.c.l., works, E.	gal.	.64½	.66½
tanks, E. works.	gal.	.55	—

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD21 plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E.	gal.	.63	—
l.c.l., works, E.	gal.	.65	.68
tanks, E. works.	gal.	.56	—

Tankcar sales require written authorization by Alcohol Tax Unit.

Controls on Materials

Applications of WPB, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling

[2]—Price agreement (sellers with OPA)

[3]—General Limitation Order

[4]—General Preference Order

[5]—Conservation Order

[6]—Allocation

[7]—War Food Order

Alcohol, diacetone, acetone-free, dms., c.l., divd..lb. .11½- .14½
c.l., divd.....lb. .13 - .15
tanks, divd.....lb. .10½- .13½
tech., dms., c.l., divd.....lb. .11 - .13½
l.c.l., divd.....lb. .11½- .14
tanks, divd.....lb. .10 - .13½
Ethyl, 190 pf., dms., c.l., wks.
gal.17.73½- —
l.c.l., works.....gal.17.76 -17.79
tanks .....gal.17.68½- —
absolute, dms., c.l., works.gal.18.67½- —
l.c.l., works.....gal.18.71 -18.74
tanks .....gal.18.66½- —
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., works.....lb. .26 - —
tanks, works.....lb. .22 - —
Furfuryl, tech., cns., works..lb. .26 - —
dms., c.l., works.....lb. .21½- —
l.c.l., works.....lb. .24 - —
tanks, works.....lb. .25 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl, refd., dms., works..lb. .0625- —
tanks, works.....lb. .0765- —
Isopropyl, refd., 91%, dms., incl., c.l., divd..gal. .36 - —
l.c.l., divd.....gal. .41 - —
tanks, divd.....gal. .31½- —
99%, dms., incl., c.l., divd..
gal. .41½- —
l.c.l., divd.....gal. .44½- —
tanks, divd.....gal. .35 - —
Methyl (see Methanol).
Methylamyl (see Carbinol, methylisobutyl)
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms.....lb. 2.30 - 2.75
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .65
Propyl, normal, dms., works..
gal. .67 - —
smaller containers, works, gal. .62 - —
tanks, works.....gal. .60 - —
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia...lb. .55 - —
dms., c.l., Waverly, N. Y...lb. .60 - —
l.c.l., same basis.....lb. .50 - —
Aldol, dms., works.....lb. .13 - .15
denaturing grade, dms....gal. 1.30 - —
Aletris root, bgs.....lb. 2.75 - 3.00
Algarobilla,[1] c.l., ex dock....
long ton.67.50 - —
Algarobilla price based on ocean frt. at $13 insurance per long ton.
Algin, bbls., fib. dms.....lb. .76 - 1.00
Alizarin (see Red, alizarin).
Alkanet, root, bgs.....lb. .85 - .90
Allspice,[1] Mexican, futures, bgs., lb. .17½ Nom.
Allyl bromide, chys., 5,000 lbs., works..lb. .90 - —
smaller lots, works.....lb. 1.05 - 1.10
Chloride, dms., c.l., divd....lb. .12½- —
l.c.l., divd.....lb. .14 - —
tanks, divd.....lb. .12½- —
Aloe, Cape, cs.....lb. No stocks
Curacoa, bgs.....lb. .46 - .49
Socotrine, bgs.....lb. .42 - .41
Aloin, bbls., dms., bgs.....lb. 4.80 - 4.90
Alphanaphthol, bbls.....lb. .83 - —
Alphanaphthylamine, bbls.....lb. .82 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .32½- .36½
Alphapinene, dms., c.l., wks..gal. .80½- —
l.c.l., works.....gal. .91½- —
tanks, works.....gal. .86½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l., works.....lb. .1390- —
tanks, works.....lb. .1200- —
Alphatocopherol, amp.....gram. 1.60 - 1.10
Althea root, NF, peeled, bls...lb. .55 - .60
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
divd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
divd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., works, 100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.75 - —
lump, bbls., works....100 lbs. 4.50 - —
divd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
divd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. 12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., divd.....100 lbs. 4.25 - 5.00
Alumina, classified, grade, ground, kgs., works..lb. .35 - .37
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .16½- .22
Acetate, basic solution, 24%, bbls., divd..lb. 10½- .11
20%, bbls., divd.....lb. .09½- .10
Chloride, anhyd., com'l, dms., c.l., works..lb. .08 - .11
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. 06½- .06¾
solution, 32 deg., cryst., c.l., works..lb. .02¾- —
l.c.l., works.....lb. 03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Formate, solution, 12-20° Be, bbls., c.l., works..lb. 09½- —
l.c.l., works.....lb. .10 - —
Hydrate, heavy, bgs., c.l., works, lb. .024 - .031
l.c.l., works.....lb. .035 - .040
light, bgs., divd.....lb. .14½- —
bbls., divd.....lb. .15 - —
Hydroxide, gel, tech., min. 16% Al (OH)$_3$ dms., 10,000 lbs. or or more, f.o.b. ship't point, lb. .09 - .09¼
ton lots, same basis..lb. .09¼- .09½
smaller lots, same basis, lb. .09¾- .04
conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., wks..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .18 - —
contract, works.....lb. .16 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .12 - .17
Laurate, precip., bbls.....lb. .35 - .39
Naphthenate, 1.7% Al, 50-gal. dms., works..lb. .10¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .12½- —
Stearate, precip., cts., c.l...lb. .26 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald...
100 lbs. 1.40 - 1.90
bbls., c.l., works, frt. equald.
100 lbs. 1.20 - 1.45
l.c.l., works, frt. equald.
100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works.
100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - —
Trihydrate, heavy (see Alumina hydrate).

Aluminum, 98-99%, c.l.....lb. .15 - —
l.c.l. .....lb. .16 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .86 - .89
ink, 150-lb. dms.....lb. .71 - —
standard, 200-lb. dms.....lb. .59 - —
Powder, lining, extra, dms, 100-lb. dms..lb. .62 - —
litho, 150-lb. dms.....lb. .57 - —
standard, 200-lb. dms..lb. .59 - —
rubber comp., 200-lb. dms..lb. .60 - —
unpolished, stand., dms...lb. .56 - —
varnish, stand., 200-lb. dms..
lb. .60 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,999 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz. 8.75 -12.00
Aminoethylpropanol, cns., dms., works..lb. .60 - .69
Aminopyrine, bots., dms.....lb. 4.00 - 4.60
Ammonia acetate, reagent, crystals, bbls..lb. .34 - —
purified, bbls.....lb. .32 - —
Anhydrous, fertilizer, tankcars, works, frt. equald..ton.59.00 - —
pure, cyls.....lb. .14½- —
refrigeration, tanks, works....
ton.61.50 - —
Aqua, 26°, chys.....lb. .05¼- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .03½- —
tanks, works (NH_3 content).
ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld..lb. .42 -
smaller lots, frt. alld..lb. .44 - .47
Biborate, gran., bbls., N. Y. or Chi..lb. .1216- —
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .26
Bifluoride, bbls.....lb. .15 - .15½
Borate, gran., bbls., kgs....lb. .1060- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .28 - —
dms. .....lb. .29 - —
Carbonate, USP, lump, dms..lb. 06¼- .06½
cns. .....lb. .14¼- .17½
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs..
lb. .19 - .18
Citrate, dibasic, bbls.....lb. .78 - —
dms. .....lb. .80 - .85
Fluoride,[9] bbls.....lb. No stocks
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 50%, anhyd., bbls.lb. .12 - —
Molybdate,[9] e.p., cryst., kgs.lb. 1.20 - 1.30
fine cryst., bbls., kgs....lb. .94 - .97
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l., shipping point.....ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech., bgs., works.....100 lbs. 4.25 - 4.50
bbls., works.....100 lbs. 4.35 - —
Nitrate - limestone, 20.5% N, bgs., Hopewell, Va...ton.23.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, fine gran. bbls.....lb. .22 - —
dms. .....lb. .26 - .30
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs.....lb. .26½- .26¾
Phosphate, dibasic, NF V, bbls., kgs...lb. .87 - .90
tech., bgs., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07¾- —
monobasic, pure, bbls.....lb. .39 - .41
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- .08¼
Salicylate, NF, dms., kgs....lb. 1.15 - 1.16
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .24 - —
paste, dms.....lb. .08½- —
Sulphamate, bbls., works.....lb. .18 - .21
Sulphate,[1] bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports.....ton.29.20 - —
Sulphide, liquid, 40-45% basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., divd.....lb. .16 - —
tanks, divd.....lb. .07½- —
red, 45% chys., works.....lb. .06 - —
dms., works.....lb. .06 - —
yellow, 33% chys., works..lb. .05 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .35 - —
jars .....lb. .37 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac)
Sal, gray, bbls., c.l., works....
100 lbs. 5.50 - 5.75
l.c.l., works.....100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., divd...lb. .17 - —
l.c.l., divd.....lb. 17½- —
tanks, divd.....lb. 16 - —
ex-pentane, dms, c.l., frt. alld. E. of Miss. R...lb. 15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .90 - 1.00
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .06 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Salicylate, bots.....lb. .68 - .85
Stearate, dms., works.....lb. .42 - —
Anethol, com'l, dms., works..lb. .057 - .062
NF, dms.....lb. 2.20 - 2.50
Angelica dom. atropurpurea root, bls..lb. 1.00 - 1.25
imported, natural, bls.....lb. 2.50 - 2.60
Angostura bark, bls.....lb. .21 - .22
Anilin oil, dms., c.l., works, frt. alld..lb. .11¼- —
l.c.l., works, frt. alld....lb. .12¼- —
tanks, works, frt. alld.....lb. 10¼- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. No stocks
Chinese .....lb. .38 - .39
Cyprus, bgs.....lb. No stocks
Mexican, bgs.....lb. .24 - .24½
Syrian, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
Anisic aldehyde, dms.....lb. 2.75 - —
cns., bots.....lb. 2.90 - 3.25
Annatto, paste, bxs.....lb. .24 - .29
Seed, bgs.....lb. .13¾- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.9%, bbls....lb. .70 - —

Antimony butter (see Antimony chloride).
Chloride, solut., chys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14½- .17½
Needle,[1,6] Bolivian, brown, 97%, cs..lb. .16¼ Nom.
Chinese, black, 70%, cs....lb. .20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l...lb. .16 - —
l.c.l. .....lb. .17 - —
paint grade, bgs., c.l.....lb. 16¾- —
l.c.l. .....lb. 16¾- —
Salt,[1,6] 62% bgs., c.l., divd. E. of Miss. River..lb. No stocks
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. 17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .21 - .22
Arecoline hydrobromide, bots..oz. 6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos (100% purity).65.00 - 67.00
Arnica flowers, bs.....lb. 2.25 - 2.50
Arrowroot, powd., bgs., bbls..lb. .10½- .11
Arsenic, chloride (arsenous), bots. lb. 1.85 - —
Metal, lump, c.l.....lb. No prices
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04½- —
Asafetida, cs.....lb. .58 - .60
powd., bbls., dms.....lb. .78 - .80
Asbestine (see Talc, N. Y., fibrous).
Asbestos, fiber[4] 5D and 5K bgs., c.l. (20 tons), Cana. mines, ton.49.50 - —
5R, bgs., c.l. (20 tons), same basis..ton.44.00 - —
6D, bgs., c.l. (50 tons), same basis..ton.32.00 - —
7D, bgs., c.l., same basis.ton.26.50 - —
7F, bgs., c.l., same basis.ton.26.50 - —
7H, bgs., c.l., same basis.ton.22.50 - —
7K, bgs., c.l., same basis.ton.19.00 - —
7M, bgs., c.l., same basis.ton.16.50 - —
7R, bgs., c.l., same basis.ton.15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuba, A, bulk, c.l.....ton.60.00 - —
l.c.l. .....ton.90.00 - —
B, bulk, c.l.....ton.38.50 - —
l.c.l. .....ton.55.00 - —
Egyptian .....ton. No stocks
Gilsonite,[1] brilliant black, selects, 340° F. fusing point, bgs., mines..ton.30.00 -32.00
270-295° fusing point, bgs., mines..ton.30.50 - —
seconds, 300-390° F, fusing point, not uniform, bgs., mines..ton.23.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.39.50 - —
Manjak, No. 10, crude, dms., works..lb. .05½- .13
process form, bgs., works..lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Mexican, refd., dms., f.o.b. Tampico, Mex. metric ton.27.50 - —
South American, refd., dms., c.l., N. J. refy..ton.22.00 -23.00
l.c.l., same basis.....ton.24.00 -25.00
tanks, same basis.....ton.15.00 - —
Atrepine, bots.....oz. 9.85 - —
Sulphate, bots.....oz. 7.35 - —

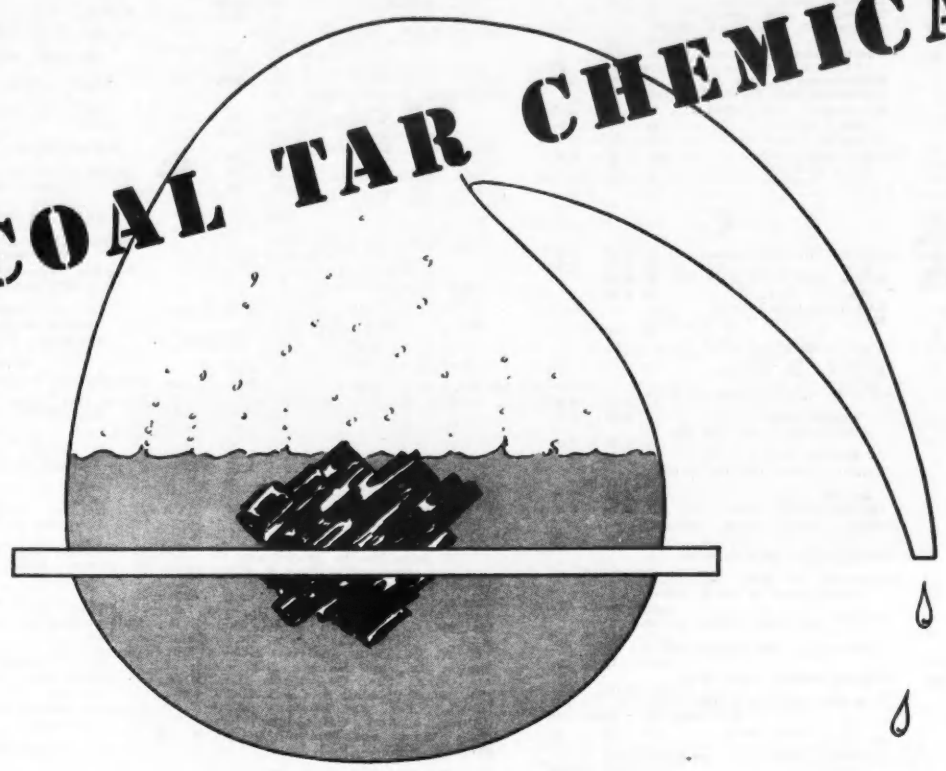
B

Balm of Gilead buds, bgs.....lb. 1.90 - 2.00
Barbasco root,[1] (see Cube root).
Barberry root bark, bgs.....lb. .78 - .80
Barbital, dms.....lb. 2.50 - 2.60
Sodium, dms.....lb. 2.75 - 2.85
Barium carbonate, natural, 90% through 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate, kgs., works.....ton. .27½- .31
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works, ton.73.00 - —
l.c.l., works.....ton.78.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .16 Nom.
Hydrate, crystals, bbls.....lb. .06½- .07½
Hydroxide, bbls., works.....lb. .15 - .16
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09½- .11¼
l.c.l., works.....lb. .10 - .11¼
Oxide, dms., c.l., works..lb. 11½- .12
l.c.l., works.....lb. .14 - .15
grd., dms., l.c.l., works...lb. .15 - .17
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09¼- .10
kgs. .....lb. .12 - —
Barytes,[1] floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.26.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.60 - —
Ore, approx. 94% $BaSO_4$, bulk, mines..ton. 8.00 - —
Bauxite bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. 1.25 - 1.30
Root, bls.....lb. 1.35 - 1.40
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bxs., works....ton.16.00 - —
Benzaldehyde, NF, dms.....lb. .70 - 1.10
tech., chys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tanks, E. of Omaha, frt. alld..gal. .15 - —
W. Coast, Minneapolis, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, chys.....lb. .30½- .32
Peroxide, pure, gran., fib. ctns., works..lb. 1.25 - —
Benzyl acetate, f.f.c., cns....lb. .80 - .95
dms. .....lb. .495 - .55
Alcohol (see Alcohol, benzyl).
Benzoate, f.f.c., dms.....lb. 1.05 - 1.15
Benzyl chloride, tech., chys., works, frt. equald..lb. .20 - —
refined, chys.....lb. .22 - —
Cinnamate, cns.....lb. 4.00 - 4.25
Formate, cns.....lb. 2.70 - 2.95
Propionate, bots.....lb. 1.95 - 2.05
Salicylate, bots.....lb. 1.80 - 1.85
Benzylidineacetone, bots.....lb. 2.25 - 2.70
Benzylisoeugenol, bots.....lb. 2.80 - —
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .20 - .25
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .21 - —
l.c.l., works.....lb. .23 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 2.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., works..lb. 1.00 - —
l.c.l., works.....lb. 1.05 - —
95%, dms., works.....lb. 2.05 - —
98-99%, works.....lb. 2.20 - —
Betagrammapicoline, dms., c.l., works..lb. .32½- —
l.c.l., works.....lb. .36½- —
Beth root, bls.....lb. .42 - .44
Bismuth chloride, bots.....lb. 2.00 - —
jars .....lb. 2.05 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.90
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 2.41 - 2.46
cns. .....lb. 2.85 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.49
cns. .....lb. 1.90 - —
Oxychloride, bots.....lb. 2.14 - 2.19
cns., dms., kgs.....lb. 2.10 - —
Subbenzoate, bots.....lb. 2.81 - —
fib. dms.....lb. 2.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.52
bots., cns.....lb. 1.59 - 1.65
X-ray, 5-lb. bots.....lb. 2.70 - —
fib. dms.....lb. 2.75 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.45
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.20 - 1.25
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb cans.....lb. 2.54 - 2.60
Sulphocarbolate, bots.....lb. 2.71 - 2.74
fib. dms.....lb. 2.65 - —
Bismuth-ammonia citrate, USP, powd., dms...lb. 2.40 - —
cns. .....lb. 2.45 - 2.50
Black, acetylene, bgs., c.l., works..lb. .14 - —
l.c.l., works.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs, bbls., c.l., same basis. lb. .12 - —
3, bgs, bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½- —
460A, bgs., bbls., c.l., same basis..lb. .08½- —
467, bgs., bbls., c.l., same basis..lb. 11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon, channel, compressed, beads, bulk, c.l., works..lb. .05 - —
bgs., c.l., works.....lb. .052 - —
l.c.l., works.....lb. .06 - —
divd. or whse.....lb. .062 - —
uncompressed, regular, bgs., bgs., cns., l.c.l., divd. or whse..lb. .03625- —
bgs., cns., l.c.l., divd. or whse..lb. .097 - —
Furnace, HMF, bgs., c.l., works..lb. .05 - —
cns., l.c.l., whse.....lb. .07½- —
SRF, bgs., c.l., works...lb. .05½- —
cns., l.c.l., whse.....lb. .06 - —
Thermatomic, bgs., c.l., works, La..lb. .04 - —
l.c.l., whse. Trenton, N. J. lb. 06¼- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .06¼- —
Lamp, 1, ctns., c.l., works..lb. .05½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .12½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .22 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .67½- —
l.c.l., works.....lb. .35½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls.....lb. .84 - .86
Tree bark, bls.....lb. .40 - .45
Black Indian hemp root, bls..lb. .80 - .85
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.00 - —
direct process, bgs., c.l., works..ton.70.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis....ton.46.50 - —
Bleaching powder,[3] dms., c.l., works..100 lbs. 2.80 - 3.10
l.c.l., works.....100 lbs. 3.75 - 3.80
Blood,[1,7] dried, 16-16½% ammon., bgs...unit-ton. 5.00 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 5.00 - —
soluble, bgs., c.l., Chicago...lb. .12 - —
l.c.l., Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .65 - .70
Blue,[1] alkali, dry, bbls., divd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
Toner, bbls., same basis....lb. .85 - .90
Celestial, bbls., same basis...lb. .10 - .12
Chinese, bbls., same basis..lb. .06 - —
Cobalt, genuine, bbls., same basis..lb. 4.00 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 2.50 - 2.75
80%, bbls., same basis...lb. 2.00 - —
green shade, bbls., same basis, lb. 4.00 - 4.20

COAL TAR CHEMICALS



Phenol **Naphthalene**

Cresol **Pyridine**

Cresylic Acid **Tar Acid Oil**

Neutral Oil

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.

TELEPHONE LEXINGTON 2-3324

CABLE "WILNEUBERG"

Blue, iron (see Blue, Chinese, Milori, Potash Prussian, and Soda).
Milori, bbls., same basis....lb. .36 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis. lb. .42 - —
Prussian, bbls., same basis.lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .56 - —
Ultramarine, cobalt type, dry or pulp, bbls., same basis. lb. .23 - .27
jobbing type, dry, bbls , same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls. lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis. lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.98 - —
Violet, toner, molybdic, bbls., same basis..lb. 1.24 - —
tungstic, kgs., same basis..lb. 2.10 - —

Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.

Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Bluefing root, bls.....lb. .70 - .76
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone,[7] raw, bulk, Chicago...ton.57.00 -65.00
junk, bulk, same basis....ton.35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works.. ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works ton.38.50 - —
Chicago, works.....ton.36.00 - —
Phosphate, defluorinated (see D). Precipitated (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. .60 - .62
Borax, tech , 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld.....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse.....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld. ton.60.00 - —
ton lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .25 - —
Brazilwood extract (see Hypernic).
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 5.20 - 6.25
Bronze powder, aluminum (see A).
Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns , dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis lb .85 - 1.20
radiator, cns., dms., same basis lb .45 - .50
Broomtop, bls.....lb. .14 - .16
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .06½- .08
pap. bgs., c.l., same basis lb .0235- —
Italian type, bbls., works. lb. .06¾- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works lb .08 - .10
Umber, burnt, American, bbls., works..lb. .06½- —
Italian-type, bbls., works.lb. .04¾- —
Turkey-type, bbls., c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .06¼- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
Turkey-type, bbls., c.l. ex car, Los Angeles..lb. .05½- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles. lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Bryonia root, bls.....lb. .58 - .60
Buchu leaves, bls.....lb. .80 - .83
Buckthorn bark, bls.....lb. .45 - .46
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .35 - .37
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, (group 3. gal. .03¼ -
Butyl acetate, normal,[1] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1930- —
l.c.l., same basis.....lb. .1980- —
tanks, same basis.....lb. .1850- —
tankwagon, same basis.lb. .1865- —
Butyl acetate, normal, ferment., other production dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¼- —
l.c.l., same basis.....lb. .12¾- —
tanks, same basis.....lb. .10¾- —
secondary,[1] dms., c.l., divd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½ per lb. higher.
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .28½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25½
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., divd.....lb. .16½- .17
tanks, divd.....lb. .15½- —
Stearate, dms.....lb. .31½- —
Butyric ether, bots.....gal. 6.50 - 6.90
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide, bots.....lb. 1.84 - 1.9
jars .....lb. 1.65 - 1.70
Iodide, bots.....lb. 4.20 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] ingots or sticks, divd. lb. .90 - —
pat. shapes, cs., divd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1] dms., 100 lbs. or more. lb. 2.80 - 2.85
smaller lots.....lb. 2.95 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.05
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.20 - 5.50
Calabar beans, bgs., futures, lb. .60 - .62
Calamus root, natural, dom., bls. lb. .50 - .55
Calciferol, in corn oil, dms., 10,000 units or more, works, unit. .10 - —
1,000 to 10,000 units, works, unit .11 - —
less than 1,000 units, works, unit. .12 - —
Calcium acetate, bgs., divd..... 100 lbs 3.00 - 4.00
Arsenate, bgs., c.l., whse., wks., frt. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, N.F., jars.....lb. .65 - .70
Carbide,[1] dms., c.l., works.ton.50.00 - —
divd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., divd..ton.18.50 -35.00
l.c.l., divd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., divd. ton.18.00 -34.50
l.c.l., divd.....ton.28.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags
Cyanide, dms., delivered E. of Rockies .lb .25 - .40
Gluconate, USP, gran., bbls .lb .52 - —
dms .lb .57 - .66
cns. .lb .70 -
powd., 2c. per lb lower
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.65 - —
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, dms.....lb. .21 - —
USP, bbls.....lb. .25 - .27
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dms..lb. 2.05 - 2.50
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 c over, works..lb. .07 - .07¾
less than 10, works .lb. .08 - .10
medicinal, dibasic, bgs. 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald .lb. .06 - .06¼
tribasic, bbls. c.l works. lb .0625- —
bgs., l.c.l., works .lb .0645- .0688
Resinate, precip., 5.3% Ca, 100-lb dms lb .15¼- —
Silicate, hydrated, c.l. bgs., works..lb. .06½- —
l.c.l., works .....lb. .06 - —
Stearate, precip., ctns., c.l., works..lb. .25 - —
l.c.l., works .....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l. works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 8%-4% Ca, 50-gal. dms. lb. .13¼- .19¼
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works.. lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 2.60 - 2.65
Calomel, bbls., dms.....lb. 2.44 - 2.45
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works. lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots..lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Camphor, monobromated, dms.lb. 3.20 - —
Canada balsam (see Fir balsam).
Cantharides, Russian, bgs.....lb. 9.00 - —
Capsicum (see Pepper, red).
Capsicum oleoresin, USP VII. cns..lb. 4.80 - 4.85
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] California, Dutch type..lb. No stocks
Canadian, bgs.....lb. .42 - .43
Danish, bgs.....lb. .43 - .44
Dutch, bgs.....lb. .42 - .43
Morocco, dewhiskered, futures, bgs..lb. .44 - .46
natural, bgs., futures.....lb. .38 - .39
Spanish, dewhiskered, bgs....lb. No stocks
Syrian, dewhiskered, bgs.....lb. No stocks
Carbasole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works....lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, normal, dms., l.c.l., works..lb. .37 - —
secondary, dms., l.c.l., works lb. .60 - —
isobutyl, dms., c.l., works..lb. .23½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21¼- —
Methylisobutyl, dms., c.l., nearest delivery point buyer's works..lb. .11¾- —
l.c.l., same basis.....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
Carbisulphide, 55-gal. dms., c.l., frt. all. E. of Miss R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .06
Tetrachloride,[1] c.p., dms., c.l. gal. .96 - —
l.c.l. .....gal. 1.01 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .69 - —
l.c.l., frt. alld.....gal. .76 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .93 - —
l.c.l., frt. alld.....gal. 1.03 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .76 - —
l.c.l., frt. alld.....gal. .83 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.00 - —
l.c.l., frt. alld.....gal. 1.10 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. .96 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.13 - —
l.c.l., frt. alld.....gal. 1.23 - —
Zone 4, 52½-gal. dms., c.l. gal. .83 - —
5 or 10-gal. dms., c.l..gal. 1.03 - —
l.c.l. .....gal. .90 - —
USP, cbys.....lb. .17 - .19

Carbon tetrachloride prices are frt. alld with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans. 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho., Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.35 - 1.40
medium, cs.....lb. 1.30 - 1.35
decorticated, Guatemala, cs..lb. 1.10 - 1.12
India, cs .....lb. 1.15 - 1.20
green, Alleppey, bgs .....lb .90 - .92
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. .50 - —
research grade (alpha, 10%; beta, 90%), amps, 100 grams, divd..gram. 2.85 - —
50 grams, divd .....gram. 2.90 - —
in vegetable oil, 200,000 USP units per gm., bots., works. lb.37.50 - —
50,000 USP units per gm., bots., works..lb. 3.43 - —
dms works.....lb. 7.68 - —
8,800 A units per gm., tins, works, 1,000,000 units. .55 - —
dms., works..1,000,000 units. .50 - —
3,300 USP units per gm., dms., works..lb. .66 - .71
Carvol, bots.....lb.16.00 -20.00
Cascara sagrada bark, bulk....o. .43 - .45
Case-hardening mixture, 30% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1] dom., acid-precip., bgs., 100 or more, ship't point .lb 24 - —
20 to 99, same basis....lb .24½- —
less than 20, same basis. lb .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25½- —
20 to 99, same basis....lb. .25¾- —
less than 20.....lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .24 - —
rennet-precip., unground, bgs., 100 bgs. or more..lb. .26½- .28½
Cassia,[1,7] China buds, bgs., futures..lb. .46 - .47
rolls, selected, cs., futures. lb. .46 - .47
extra select, broken, bls., futures..lb. .42½- .43
Cassia fistula, bskts.....lb. .26 - .28
Castor bean,[1,7] bgs., c.i.f. first arrival point, U.S..long ton.118.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 3.15 - 4.75
Castoreum, nat., cns.....lb.12.00 -13.00
synthetic, cns.....lb.21.00 - —
Catechol, CP, cryst., works, 5lb. dms., frt. alld..lb. 1.90 - —
resublimed, works, frt. alld., dms..lb. 2.25 - —
Catnep, bls.....lb. .60 - .65
Celery seed,[1] French, bgs.....lb. 1.00 Nom.
Indian, bgs.....lb. .22½- .23
Celluloid scrap (see Pyroxylin scrap)
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis.lb. .35 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs. frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs. works....lb. .48 - —
medium (15.5 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld. lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —
Granules are 5c. per lb. higher, all quantities.
Acetate-propionate, flake, high (31.5%) propionyl content), 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt alld..lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works....lb. .48 - —
Granules are 5c. per lb. higher, all quantities.
Cellulose triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .55 - —
kgs., works.....lb. .57 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
bgs., smaller lots, works.lb. 2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. .02½- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works ton.30.00 - —
Chamomile, Hungarian type, cs. lb. .60 - .65
Roman, bls., futures.....lb. 1.75 - 1.85
Charcoal, hardwood, lump, bulk, c.l., works..ton.31.25 - —
bur. bgs., ref., c.l., works. ton.31.00 -33.75
briquets, bulk, c.l., works... ton.35.00 - —
bgs., c.l., works.....ton.40.00 -41.00
granular, all grades, bgs., incl., works..ton.44.00 - —
screenings, bur. bgs., ref., c.l., works..ton.23.65 - —
Pinewood,[1] lump, bgs., c.l., Southern shipping points. ton.20.00 - —
granular, powd., bgs., c.l., works, South..ton.20.20 - —
Willow, powd., bbls.....lb. .06 - .07
l.c.l., works.....ton.41.00 - —
Chestnut extract,[1,6] standard 25% tannin, bbls., c.l., works..100 lbs. 3.22 - 3.55
l.c.l., works.....100 lbs. 3.47 - 3.80
tanks, works.....100 lbs. 2.62 - 2.95
powdered, 65% tannin, bags extra, c.l., works.100 lbs. 7.46 - 8.33
l.c.l., works.....100 lbs. 8.21 - 9.07
Chillies (see Pepper, red).
China clay,[1] dom., dry-grd., air-float, 99.75%, 200 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works....ton.16.00 - —
bulk, c.l., works.ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.00
wet-grd., silk-bolt, 99½%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
Import white lump bulk, c.l., ex dock Balto., Boston, Norfolk, Phila ton.19.00 -24.00
powd., cks.,l .c.l., ex whse.ton.41.00 - —
Chloral hydrate, jars.....lb. .92 - .95
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works.lb. .32 - —
smaller lots, works.....lb. .35 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Chlorine, liquid, cyls., c.l....lb. .05¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 3.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .21
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyl., 100-lb. cyls., same basis...lb. .32 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 22% Cr., bbls., works..lb. .32 - .34
ton lots, works.....lb. .30 - .32
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Fluoride, bbls., wks.....lb. .24 - .27
Cake, bulk, c.l., works.....ton.16.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots.....lb. 6.92 - 6.00
Cinchona bark,[4] red, quill, USP, 10 in., cas..lb. 1.20 Nom.
Cinchonidine,[3] small, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchonine[3] small, cryst., cns., 100 ozs..oz. No prices
large, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchophen, NF, heavy, dms..lb. 3.70 - 3.80
standard, dms .....lb. 3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms...lb. .85 - 1.00
Cinnamon,[1,7] Ceylon, O, bls., futures..lb. .5700- —
OO, bls., futures.....lb. .5820- —
OOO, bls., futures.....lb. .5900- —
OOOO, bls., futures.....lb. .5990- —
No. 1, bls., futures.....lb. .5625- —
2, bls., futures.....lb. .5635- —
3, bls., futures.....lb. .5435- —
4, bls., futures.....lb. .5335- —
Citral, bots., cns.....lb. 6.50 - 7.50
Citrine, ointment, jars.....lb. .95 - 1.15
Citronellal, bots., dms.....lb. No prices
Citronellol, bots., dms.....lb. No prices
Clove,[1] Madagascar, bls.....lb. .16¾- .17¼
futures, bls.....lb. .16 - .16¼
Zanzibar, bls.....lb. .17¼- .17¾
futures, bls.....lb. .17¼- .17¾
Clover tops, red, dom., bgs....lb. .50 - .55
imported, bgs.....lb. No stocks
Coaltar, coal-gas, crude, 50 gal., bbls., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07¼- .08½
refd., 50-gal., bbls., c.l. wks. bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
water-gas, crude, 55 gal., dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., 55-gal. dms., c.l., wks. dm. 8.75 - —
l.c.l., works.....dm. 9.25 - —
Cobalt acetate, bbls., kgs., divd.. lb. .33¾- —
feed grade, 49.5% Co, kgs..lb. 1.25 - —
Carbonate, powd., bgs., works.. lb. 1.58 - —
feed grade, 23% Co, kgs....lb. 1.85 - —
Chloride, kgs., works.....lb. .37½- —
feed grade, 24.5% Co, kgs..lb. 1.25 - —
Hydrate, bbls.....lb. 2.04 - —
feed grade, 62% Co, kgs....lb. 2.25 - —
Linoleate, paste, 5%, dms..lb. .22 - .25
solid, 8½%, dms.....lb. .44 - —
Nitrate, feed grade, 30.4% Co, kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[1] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co, 100-lb. dms..lb. .25½- —
Soyate, 8%-8.5% Co, 55-gal. cms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co, kgs....lb. 1.60 - —

Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland or New York.

Cobalt-ammonium sulphate, 14% Co. kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .46 - .47
silver, Teneriffe, bgs.....lb. .47 - .48
Cocoa butter,[1,7] bulk, ship. pt.lb. .25 - —
Cocillana bark, bgs.....lb. .60 - .61
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.80 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .19
blue, bls.....lb. .22 - .23
Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19½- .20½
cns.....lb. .23 - .23½
Flexible, USP, dms.....lb. .21 - .22
cns.....lb. .25 - .31
Colocynth pulp, bls.....lb. .52 - .53
Colombo root, bls.....lb. .14 - .15
Coltsfoot leaves, bgs.....lb. .70 - .72
Condurango bark, bgs.....lb. .17 - .18
Copaiba balsam, Para, cns....lb. No stocks
S. A., USP, cns.....lb. .95 - 1.00
Copper acetate, cupric, bbls., works..lb. .25½- —
smaller containers, wks..lb. .27 - —
Carbonate, 52-54%, bbls.....lb. .19½- .20½
Chloride, anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17
Cyanide, tech., bbls.....lb. .54 - .58
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1] electrolytic.....lb. .12 - .13½
Naphthenate, 6%-8% Cu, 50-gal. dms..lb. .15 - .17
Nitrate, tech., cryst., bbls..lb. .19¼- .20½
Oleate, precip., bbls.....lb. .22½- .23½
Oxide, black, bbls., works...lb. .19 - .20
lb. .19 - .20
red, com'l, bbls., works....lb. .31 - .34½
Oxychloride-sulphate,[8] bgs...lb. .17 - .20
Resinate, precip., 8.2% Cu, 125-lb. dms..lb. .13½- .16
Sulphate,[1] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
l.c.l., 700 to 36,000 lbs.. 100 lbs. 5.15 - 5.50
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd..100 lbs.10.25 - —
smaller lots, dlvd..100 lbs.10.95 - —
dms., c.l., dlvd.....100 lbs. 8.95 - 9.20
l.c.l., dlvd.....100 lbs. 9.95 -10.20
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
l.c.l., works.....100 lbs. 1.55 - 2.00
bbls., c.l., works.....ton.20.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra,[7] Coast, ship't.....lb. No prices
Coriander[1] seed, Argentine, brs. lb. .07 - .08
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. .09 - .09½
Peru, bgs.....lb. .08 - .08½
So. American, bgs.....lb .10 - .10½
Corn silk, bls.....lb. .45 - .46
Corn sugar, tanners, chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd.... 100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l., dlvd. 100 lbs. 4.221 - —
43°, bbls., c.l., dlvd..100 lbs. 4.271 - —
Corrosive sublimate,[8] cryst., cms., 50 lbs. or more..lb. 2.07 - —
gran., powd., dms., 50 lbs or more..lb. 1.92 - —
Cottonroot bark, bls.....lb. .35 - .40
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.20 - —
Meal,[1,7] 41% protein, bulk, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., 5 lbs. or more.. lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .81
Cream of tartar, dom., USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .51¼- —
smaller lots, bbls., kgs. lb. .52 - 53½
imported, bls.....lb. .50 - .55
Creosote carbonate, bots., cbys., lb. 2.10 - 2.30
Coaltar (see Cresol).
Oil,[3] coaltar, crude, tanks, works..gal. .15¼- —
refined, dms., c.l., works, gal. .247 - .252
l.c.l., same basis....gal. .26 - .35
tanks, same basis....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .85 - 1.04
Hardwood, N.F., bots., cbys. lb. .90 - —
Pine, dms.....gal. .31 - .32
Cresol,[3,9] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10¼
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¼
USP, dms., c.l., same basis..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms..lb. .15 - —
5 and 10-gal. dms., works.. lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works..100 lbs. 9.50 - 9.75
bbls., l.c.l., works....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
l.c.l., works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .25 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs., futures.....lb. .34 - .35
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. .36½- .37
Syrian, bgs.....lb. No stocks
Cutch, bgs.....lb. No stocks
Cyanamide,[3] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.52½- —
Cyclohexane, tech., dms., c.l., works..lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09½- —
Cyclohexanol, 98%-100%, dms., works..lb. .21 - .23
Cyclohexanone, 97½% min., dms., c.l., works..lb. .30 - .32
tech., dms., c.l., works....lb. .30 - —
l.c.l., works.....lb. .30½- —
tanks, works.....lb. .29 - —
Cyclopropane, USP, cyls., divd., cal 27 - —

D

Damiana leaves, bls.....lb. .35 - .40
Dandelion root, bls.....lb. .70 - .75
DDT, fiber, dms., c.l., works..lb. .45 - —
ton lots, works.....lb. .50 - —
tins, smaller lots, work....lb. .53 - .60
Decanol, normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .34 - .35
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1] common, bbls.....lb. .10 - .13
neutral, less 2% ffa, bbls....lb. .28 - .30
over 2% ffa, bbls.....lb. .30½- .32½
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l.. Chicago .....100 lbs. 4.95 - —
l.c.l. .....100 lbs. 5.30 - —
Chicago .....100 lbs. 5.05 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots...lb. 5.50 - 5.65
laboratory grade, bots..... 100 grams. 4.50 - —
tech., bots., works.....lb. 3.00 - —
Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., divd..lb. 2170- .2200
l.c.l., divd.....lb. .2220- .2250
tanks, divd.....2b. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat. bgs., c.l., Pacific coast. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.55.00 -60.00
imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2270- .2300
1-gal., cns., works.....gal. .2470- .2500
dms., c.l., works.....lb. .1720- .2350
l.c.l., works.....lb. .1770- .2400
tanks, works.....lb. .1620- .2200
Sebacate, dms., c.l., works..lb. .4800- .5075
l.c.l., works.....lb. .4850- .5125
tanks, works.....lb. .4600- .4975
Tartrate, dms., works, frt. alld. lb. .93 - 1.02
Dibutylamine, dms., c.l., works.. lb. .96 - —
l.c.l., works.....lb. .99 - —
Dichlorodiphenyltrichloroethane (see DDT)
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equald with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms.lb. .25 - —
refd., 99% dms.....lb. .30 - —
Oxalate, dms., c.l., divd.....lb. .30½- —
l.c.l., divd.....lb. .31 - —
Phthalate,[6] dms., c.l., divd..lb. .21½- —
l.c.l., divd.....lb. .22 - —
tanks, divd.....lb. .20½- —
Sulphate, dms., c.l., works...lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Diethylamine, dms., c.l., works..lb. .44 - —
l.c.l., works.....lb. .46 - —
tanks, works.....lb. .40 - —
Diethylaminoethanol, dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylaniline, dms.....lb. .40 - —
Diethylenegiycol, dms., c.l., frt. alld.in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .12 - —
Diethyleneglycol monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether, dms., c.l., wks. lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. 1.10 - 1.15
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Dihydroxydichlorodiphenylmethane, dms., works of N.Y. met.lb. .95 - 1.00
smaller containers, same basis lb. 1.05 - 1.40
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, natural, afloat, bgs., lb. .09 - .09½
decorticated, bgs.....lb. .13 - .13½
dewhiskered, bgs.....lb. .09½- .09¾
Dimethyl phthalate, dms., c.l., divd..lb. .20 - —
l.c.l., divd.....lb. .20½- —
tanks, divd.....lb. .19 - —
Dimethylamine, dms., c.l., divd. lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylaniiin, dms., c.l.....lb. .21 - —
l.c.l. .....lb. .22 - —
Dinitrobenzene, bbls.....lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotolylguanidin, dms., ton lots, divd..lb. .44 - —
smaller lots, divd.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).

Spot Deliveries

SODIUM BICHROMATE
HEAVY CALCINED MAGNESIA White
CITRIC ACID
CAUSTIC POTASH
MAGNESIUM METAL POWDER High Purity
ROCHELLE SALTS
COPPER SULPHATE
SODIUM SULPHITE High Purity
OXALIC ACID
BLEACHING POWDER 70%
RED LEAD
ZINC OXIDE American & French Process
LITHARGE
CHROMIC ACID
CALCIUM CITRATE

—OTHER SPECIAL PRODUCTS—

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE
NICKEL OXIDE, etc.

GOLWYNNE
CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK 17, N. Y. • PHONE LE 2-9740

Dipentene,[1] destructive dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
steam-dist., dms., dlvd. E..gal. .56 - .58
tanks, dlvd. E.....gal. .52 - .53

Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .45 - .50
dms. .....lb. .43 - .45

Diphenylamine, bbls.....lb. .25 - —

Diphenylguanidin, dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37

Divi-divi,[1,3] 43% tannin, c.l., U.S. ports, ex dock..ton.71.00 -72.00

Doggrass root, dom., cut, bls.lb. .30 - .35
imp., NF, cut, bls.....lb. .48 - .50

Dogwood, Jamaica, bark, bls..lb. .10 - .11

Dover's powder, USP, cns....lb. *No stocks*

Dragon's blood, drops, cs.....lb. .55 - .60
reeds, cs.....lb. No stocks

Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—
Blue, FD&C, No. 1, cns.....lb.13.00 - —
Green, FD&C, No. 1, cns....lb.13.00 - —
No. 2, cns.....lb.17.00 - —
No. 3, cns.....lb.27.00 - —
Orange, FD&C, No. 1, cns..lb. 2.80 - —
No. 2, cns.....lb. 3.55 - —
Red, FD&C, No. 1, cns.....lb. 5.75 - —
No. 2, cns.....lb. 3.05 - —
No. 3, cns.....lb.17.00 - —
No. 4, cns.....lb. 5.50 - —
No. 32, cns.....lb. 4.05 - —
Yellow, FD&C, No. 1, cns..lb. 3.00 - —
No. 2, cns.....lb. 2.55 - —
No. 3, cns.....lb. 2.55 - —
No. 4, cns.....lb. 3.05 - —
No. 6, cns.....lb. 3.05 - —

Dyes, coaltar (certified colors for drums and cosmetics), 1-lb. lots—
Black, D&C, No. 1, cns.....lb. 6.35 - —
Blue, D&C, No. 4, cns.....lb.12.35 - —
Brown, D&C, No. 1, cns....lb.12.35 - —

Dyes, coaltar (certified colors for drums and cosmetics), 1-lb. lots—
Green, D&C, No. 5, cns.....lb.12.35 - —
No. 6, cns.....lb.12.35 - —
Orange, D&C, No. 5, cns....lb. 6.35 - —
No. 4, cns.....lb.15.35 - —
No. 10, cns.....lb.15.35 - —
Red, D&C, No. 8, cns.....lb. 2.35 - —
No. 17, cns.....lb. 6.35 - —
No. 18, cns.....lb.15.35 - —
Yellow, D&C, No. 7, cns.....lb. 6.35 - —
No. 8, cns.....lb. 6.35 - —
No. 11, cns.....lb.10.35 - —
No. 19, cns.....lb.15.35 - —
No. 22, cns.....lb. 6.35 - —
No. 13, cns.....lb.13.35 - —
No. 27, cns.....lb.12.35 - —

Dyes, coaltar (certified colors for external use drugs and cosmetics), 1-lb. lots—
Blue, Ext. D&C, No. 1, cns..lb.12.35 - —
Green, Ext., D&C, No. 1, cns. lb.12.35 - —
Red, Ext. D&C, No. 1 cns...lb.10.35 - —
No. 3, cns.....lb.21.35 - —
No. 8, cns.....lb. 7.35 - —
No. 10, cns.....lb.12.35 - —
No. 13, cns.....lb.12.35 - —
Yellow, Ext. D&C, No. 1, cns. lb. 6.35 - —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
86 Chrome yellow, 2G...lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R. paste....lb. .85 - .90
189 Lake red R. powd....lb. 3.00 - 3.10
202 Chrome blue black U..lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .68 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F.....lb. .70 - .73
420 Direct brown M.....lb. .56 - .57
448 Benzo purpurin 4B...lb. .65 - .66
495 Benzo purpurin 10B..lb. .40 - .56
lb. .35 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble).
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L.lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
865 Nigrosin derivatives....lb. .36 - .44
Blue—
1076 Alizarin astral base...lb.15.00 - —
1073 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.16 - —
Green—
1078 Alizarin cyanin green..lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
256 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.00 - —
1003 Anthraquinone violet base..lb. 6.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
246 Naphthol blue black S.. lb. .80 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
900 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10
Brown—
231 Bismarck brown G...lb. .47 - .63
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
632 Bismarck brown R...lb. .47 - .63
793 Phosphin .....lb. 4.65 - —
Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B....lb. 1.55 - —
1078 Alizarin cyanin green..lb. 2.00 - —
Orange—
10 Chrysodin G.....lb. .44 - —
21 Chrysodin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonapathol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
151 Orange I.....lb. .31 - .35
161 Orange R.....lb. .34 - —
Red—
79 Ponceau R.....lb. .43 - —
83 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .69 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .90 - —
Yellow—
10 Naphthol yellow S...lb. .35 - —
138 Metanil yellow.....lb. .54 - .60
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .90 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lbs. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
864 Nigrosin .....lb. .36 - .44
Blue—
860 Indulin .....lb. .60 - .70
Brown—
331 Bismarck brown.....lb. 1.50 - —
Green—
657 Malachite green base.lb. 2.00 - —
Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 2.00 - —
Violet—
680 Methyl violet base...lb. .85 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .70 - .75
Egg,[1,7] albumen (see Albumen).
Yolk,[1,7] dried, dom., bbls....lb. 1.04 - 1.10
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .75 - .85
Elecampane root, bls.....lb. .50 - .55
Elm bark, grinding, bls.....lb. .35 - .36
powd., bbls., bxs.....lb. .55 - .56
select, bndls.....lb. .55 - .56
Emetine hydrochloride, bots..oz.53.50 -56.50
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins.....oz. .95 - 1.45
Synthetic, USP, anhydrous, bots..100 ozs. .65 - —
hydrous, bots, 100 oz...oz. .65 - —
Hydrochloride, tin, 100 ozs.oz. .50 - —
Sulphate, cryst., tins, 100 ozs. oz. .48 - —
Epinephrine, synth., USP, bots. gram. .75 - —
Epsom salt, tech., cryst., bgs., c.l..100 lbs. 1.80 - 1.95
l.c.l. .....100 lbs. 2.15 - 2.40
dried, bgs.....lb. .03½ - —
l.c.l., bgs.....lb. .04 - .07
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —

THIOURACIL by CALCO

A new era in medicine has dawned with the introduction of a substance that controls excessive production of an internal glandular secretion by chemical means . . . THIOURACIL.

Calco has made THIOURACIL available to pharmaceutical manufacturers just as in the past it brought to this industry such exceptional chemotherapeutic agents as the sulfa drugs.

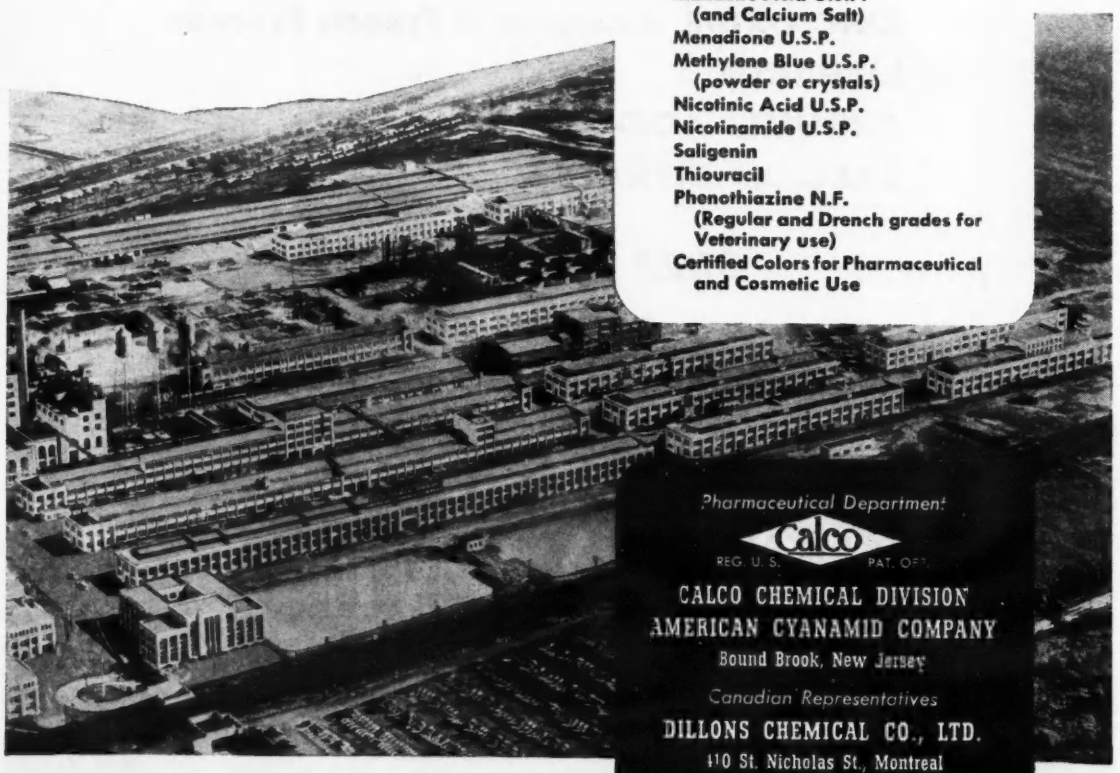
★ *Technical bulletins available*

★ *Technical service is ready to assist in application problems*

★ ★ ★

CALCO'S Bulk Pharmaceuticals

SULFADIAZINE U.S.P.
(powder or micro crystal)
. . . the Sulfa drug of choice
Sodium Sulfadiazine U.S.P.
Sulfamerazine
Sodium Sulfamerazine
Sulfanilamide U.S.P.
(powder, crystal, and micro crystal)
Sulfathiazole U.S.P.
(powder, crystal, and micro crystal)
Sodium Sulfathiazole U.S.P.
Sulfapyridine U.S.P.
Sodium Sulfapyridine
Aminoacetic Acid U.S.P.
Calcium Pantothenate (Dextro)
Choline Chloride
Choline Dihydrogen Citrate
Cinchophen N.F.
(and Sodium Salt)
Neocinchophen U.S.P.
Mandelic Acid U.S.P.
(and Calcium Salt)
Menadione U.S.P.
Methylene Blue U.S.P.
(powder or crystals)
Nicotinic Acid U.S.P.
Nicotinamide U.S.P.
Saligenin
Thiouracil
Phenothiazine N.F.
(Regular and Drench grades for Veterinary use)
Certified Colors for Pharmaceutical and Cosmetic Use



Pharmaceutical Department
Calco
REG. U.S. PAT. OFF.
CALCO CHEMICAL DIVISION
AMERICAN CYANAMID COMPANY
Bound Brook, New Jersey
Canadian Representatives
DILLONS CHEMICAL CO., LTD.
410 St. Nicholas St., Montreal
137 Wellington St. W., Toronto

Epsom salt, USP, cryst., bbls., c.l.	100 lbs.	2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.35 - —
smaller lots	100 lbs.	2.60 - —
kgs., c.l.	100 lbs.	2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60 - —
smaller lots	100 lbs.	2.85 - —
Epsom salt prices freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.		
Ergot, USP, cns.	lb.	1.65 - 1.70
Eserine, bots.	oz.	No prices
Sulphate, 1-gram. vials	vial	2.10 - —
Ether, acetic (see Ethyl acetate).		
Amyl (see Amyl ether).		
Butyl, l.c.l., dms., dlvd.	lb.	.30 - —
Ethyl (see Ether, sulphuric).		
Nitrous, conc., bots., 100 lbs.	lb.	.98 - 1.10
Sulphuric, conc., dms.	lb.	.11 - .16
USP anesthesia, hospitals, 1-lb. cns.	lb.	.60 - .61
Synthetic, dms., c.l., frt. alld.	lb.	.11 - —
l.c.l., same basis	lb.	.12 - —
tanks, same basis	lb.	.09 - —
Ethyl acetate, 85-90%, dms., c.l., frt. alld.	lb.	.1050- .1200
l.c.l., frt. alld.	lb.	.1100- .1260
tanks, frt. alld.	lb.	.0950- .1100
95-98%, dms., c.l., frt. alld.	lb.	.1075- .1275
l.c.l., frt. alld.	lb.	.1125- .1225
tanks, frt. alld.	lb.	.0975- .1175
NF, dms.	lb.	.14½- .15¼
Acetoacetate, dms., c.l., works.	lb.	.37¼- —
l.c.l., frt. alld.	lb.	.38 - —
Benzoate, bots.	lb.	.50 - .52
Bromide, tech., dms.	lb.	.60 - .65
Carbamate, dms., dlvd. E.	lb.	.58 - —
Chloride, tech., dms.	lb.	.18 - .20
USP, bbls., cyl.	lb.	.20 - .22
Cinnamate, cns.	lb.	2.65 - 3.00
Formate, dms., Agnue, Calif.,	lb.	.26 - .32
Iodide, bots.	lb.	3.50 - 3.60
Lactate, dms., works	lb.	.33½- .35½
Myristate, dms., works	lb.	.55 - —
Oenanthate, dms.	lb.	1.10 - 1.15
Oleate, dms., l.c.l., works	lb.	.47 - —
Oxalate, dms., frt. alld.	lb.	.33 - —
Silicate, dms., l.c.l., works	lb.	.77 - —
Ethylcellulose, pkgs., 5,000 lbs. or more, works	lb.	.50 - —
smaller lots, works	lb.	.52 - .60
Ethyldiethanolamine, dms., l.c.l., works	lb.	.80 - —
Ethylene dichloride, dms., c.l., works, frt. alld. E. of Rockies, frt. alld.	lb.	.0642- —
West of Rockies	lb.	.0891- —
l.c.l., works, frt. alld. E. of Rockies	lb.	.0891- —
West of Rockies	lb.	.0941- —
tanks, frt. alld. E. of Rockies,	lb.	.0745- —
West of Rockies	lb.	.0792- —
Trichloride (see Trichloroethane).		
Ethyleneglycol, dms., c.l., frt. alld. in E.	lb.	.10 - —
l.c.l., same basis	lb.	.11 - —
tanks, same basis	lb.	.09 - —
Monobutylether, dms., c.l., wks.	lb.	.17½- —
l.c.l., works	lb.	.18½- —
tanks, works	lb.	.16½- —
Monoethylether, dms., c.l., wks.	lb.	.15½- —
l.c.l., works	lb.	.16½- —
tanks, works	lb.	.14½- —
Monoethylether acetate, dms., c.l., works	lb.	.13¼- —
l.c.l., works	lb.	.14½- —
tanks, works	lb.	.12½- —
Monomethylether, dms., c.l., wks.	lb.	.16¼- —
l.c.l., works	lb.	.17½- —
tanks, works	lb.	.15½- —
Ethylethanolamine, dms., c.l., works	lb.	.57 - —
l.c.l., works	lb.	.60 - —
Ethylmonoethanolamine, l.c.l., dms., works	lb.	.80 - —
Ethylmorphine, hydrochloride, bots.	oz.	10.50 -10.75
Ethylvanillin,[1] cns., 5 lbs. or more	lb.	5.25 - —
smaller lots	lb.	5.30 - 5.40
Eucalyptol, cns., dms.	lb.	2.85 - 3.25
Eucalyptus leaves, bls.	lb.	.10 - .18
Eugenol, cns., dms.	lb.	2.65 - 3.25
Euphorbia, bls.	lb.	.13 - .14

F

Feldspar,[1] enamel, 100 mesh,	ton.	17.00 -20.50
bulk, c.l.	ton.	14.00 -17.50
glass, 20 mesh, bgs., works, min. 2 tons.	ton.	12.75 -16.25
bulk, c.l.	ton.	9.75 -12.25
pottery, bgs., l.c.l., works, min. 2 tons.	ton.	20.00 -22.00
bulk, c.l., works	ton.	17.00 -19.00
Fennel seed, Argentine, bgs.	lb.	.27 - .27½
Indian, bgs.	lb.	.10½ Nom.
Fenugreek, domestic, bgs.	lb.	No stocks
Indian, bgs.	lb.	.10 - .10½
Morocco, bgs.	lb.	.10½- .11
Ferric sulphate (see Iron sulphate, ferric).		
Film scrap, colored, cs., works.	lb.	.13½- .15
water-white, cs., works	lb.	.14½- .17
Fir balsam, Canada, cns.	gal.	18.50 -20.00
Oregon, bbls.	gal.	2.50 - 2.60
Fishberries, bgs.	lb.	.24 - .25
Fishliver oils (see Oil, fishliver).		
Fishmeal,[1,7] grd., 60% protein, bgs., E. works	ton.	72.50 - —
65% protein, bgs., E. works,	ton.	78.50 - —
Fishscrap,[7] dried, 60% protein, bulk, East coast	ton.	66.50 - —
Flake white, bbls.	lb.	.09 - —
kegs	lb.	.11 - —
Flaxseed, dom., French-type, bgs.	lb.	.62 - .64
French, black, bgs.	lb.	No stocks
Indian, blonde, bgs.	lb.	.19 - .20
Fluorspar,[1] No. 1, ground, 96-98% CaF_2 bulk, c.l., mines,	net ton.	27.00 - —
washed, gravel, 70% or more CaF_2 c.l., bulk, mines	ton.	28.00 - —
65%, c.l., bulk, mines	ton.	32.00 - —
60%, c.l., bulk, mines	ton.	31.00 - —
less than 60%, c.l., bulk, mines	ton.	30.00 - —
Formaldehyde,[1] bbls., c.l., works,	lb.	.0520- —
l.c.l., works	lb.	.0570- —
dms., extra, c.l., works	lb.	.0460- —
l.c.l., works	lb.	.0510- —
tanks, works	lb.	.0320- —
tanktrucks, dlvd. N.Y.C.	lb.	.0345- —
Fringetree bark, bls.	lb.	.55 - .56
Fuller's earth,[1] dom., powd., bgs., c.l., Fla., Ga. mines	ton.	8.50 -15.00
Tex. mines	ton.	12.50 - —
spent, bulk, Bayonne	ton.	2.00 - —
Chicago	ton.	4.00 - —
imp., bgs., c.l.	ton.	30.00 -40.00
Furfural, ref., dms., c.l., works,	lb.	15½- —
cns., dms., l.c.l., works	lb.	.18½- .25½
tech., dms., c.l., works	lb.	.12 - —
l.c.l., cns., dms.	lb.	.15½- .20½
tanks, works	lb.	.09½- —
Fusel oil, crude, dms., works.	gal.	.75 - —
retd., dms., dlvd.	lb.	.15½- .19½
Fustic extract, cryst., No. 1, bbls., l.c.l.	lb.	.33 - —
No. 1A, bbls., l.c.l.	lb.	.34 - —
No. 2, bbls., l.c.l.	lb.	.32 - —
No. 3, bbls., l.c.l.	lb.	.31 - —
liquid, No. 0, bbls., l.c.l.	lb.	.19 - —
No. 1, bbls., l.c.l.	lb.	.17½- —
No. 2, bbls., l.c.l.	lb.	.16½- —
No. 3, bbls., l.c.l.	lb.	.14 - —
solid, No. 1, bxs., l.c.l.	lb.	.20¾- —

G

G salt, bbls.	lb.	.45 - —
Galangal root, bls.	lb.	.24 - .26
Gambier, cube, Singapore, cs.	lb.	No stocks
Extract, bbls.	lb.	No stocks
Gammapicoline, 95%, dms., c.l., works	lb.	1.35 - —
Gasoline,[1] at refinery, ex tax, Arkansas, 73-75 octane, tanks,	gal.	.05¾- —
Bayonne, 73-75 oct., tanks	gal.	.07 - .08
Gulf Coast, 73-75 oct., tanks,	gal.	.0570- .0625
Group 3, 73-75 oct., tanks,	gal.	.05 - .06
Pennsylvania, western, US motor, 74 octane, leaded, tanks	gal.	.07 - .07¼
natural, 26/70, Group 3, tanks,	gal.	.03 - .03¼
Gelatin, silver label, ctns., dlvd.	lb.	.90 - .97
export, cs.	lb.	1.00 - —
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.		
Gelsenium root, bls.	lb.	.40 - .45
Gentian root, bls.	lb.	.36 - .38
grd., bbls., bxs.	lb.	.38 - .40
powd., bbls., bxs.	lb.	.39 - .41
Geraniol, 92-96%, cns., dms.	lb.	No prices
Geranyl acetate, cns.	lb.	No prices
Ginger,[1] African, No. 1, bls.	lb.	.14½- .15
Calicut, Romeo-type, bgs.	lb.	.16½- .17
Cochin, bleached, bgs.	lb.	.15½- .16
unbleached, bgs.	lb.	.13 - .15½
Jamaica, No. 1, bgs.	lb.	.23 - .23½
No. 2, bgs.	lb.	.18½- .19
No. 3, bgs.	lb.	.16½- .16¾
Rhattoon, bgs.	lb.	.15¾- .16¼
Glaubers salt, anhyd. (see Soda sulphate).		
cryst., bgs., bbls., works	100 lbs.	1.05 - 1.45
Glue, bone, calcium type, 24 millipoise, 20 jellygrams, bgs., c.l., East of Midwest.	lb.	.16 - .22
30/35, bgs., c.l., same basis	lb.	.15¼- .22½
58/83, bgs., c.l., same basis	lb.	.17 - .24
82/106, bgs., c.l., same basis	lb.	.18¼- .25½
Bone glue, l.c.l. prices 1c. higher than c.l.		
Hide,[1] 100-121 (jelly test in grams), bgs., c.l., dlvd.	lb.	.14 - .21½
122-149, bgs., c.l., dlvd.	lb.	.15 - .22¼
150-177, bgs., c.l., dlvd.	lb.	.16 - .23¼
178-206, bgs., c.l., dlvd.	lb.	.17 - .24¼
Glue, hide, 207-236, bgs., c.l., dlvd.	lb.	.18 - .25¼
237-266, bgs., c.l., dlvd.	lb.	.19 - .26½
267-298, bgs., c.l., dlvd.	lb.	.20 - .27½
299-330, bgs., c.l., dlvd.	lb.	.21 - .28½
331-362, bgs., c.l., dlvd.	lb.	.22 - .29½
363-394, bgs., c.l., dlvd.	lb.	.23 - .30½
395-427, bgs., c.l., dlvd.	lb.	.24 - .31½
428-460, bgs., c.l., dlvd.	lb.	.25 - .32½
461-494, bgs., c.l., dlvd.	lb.	.26 - .33½
495-529, bgs., c.l., dlvd.	lb.	.27 - .34½
Hide glue l.c.l. prices 1c. higher than c.l.: bbls., ½c. over bgs.		
Glycerin, crude, saponification, 88%, to refiners, tanks	lb.	.12¾- —
soaplye, 80%, tanks	lb.	.11¾- —
dynamite, dms., c.l.	lb.	.17½- .18¼
l.c.l.	lb.	.18 - .18¾
tanks	lb.	.17¼- .18
high gravity, dms., c.l.	lb.	.17½- .18¼
l.c.l.	lb.	.18 - .18¾
tanks	lb.	.17¼- .18
refined, B.P., 95%, dms., c.l.	lb.	.18¾- —
tanks	lb.	.18½- —
USP, 96%, dms., c.l.	lb.	.18¼- —
l.c.l.	lb.	.18¾- —
tanks	lb.	.18 - —
yellow, distilled, dms., c.l.	lb.	.17¾- —
tanks	lb.	.17¼- —
Glycine, USP, bbls., tins	lb.	1.25 - 1.30
Glycol boriborate, dms.	lb.	.23 - —
Stearate, dms.	lb.	.38 - —
Gold chlorides, acid-brown, bots.	oz.	20.75 -21.00
acid-yellow, bots.	oz.	18.75 -19.00
Gold-soda chloride, photo., bots.	oz.	18.00 - —
USP IX, bots.	oz.	14.50 -14.75
Goldenseal root, bls.	lb.	8.75 - 9.00
powd., bxs.	lb.	9.25 - 9.50
Gold of pleasure seed, bgs.	lb.	No stocks
Grains of paradise, bgs.	lb.	.30 - .37

NEW

OXIDIZED CELLULOSE

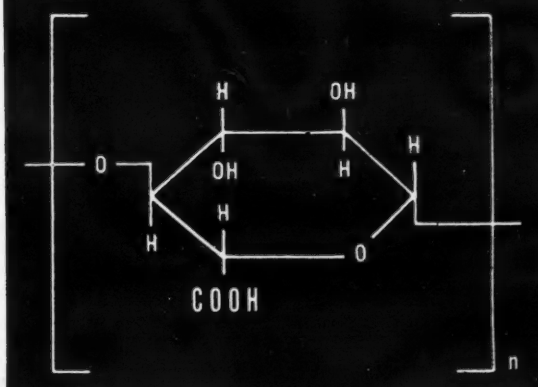
(Polyanhydroglucuronic Acid)

Carboxyl Content: 15 to 20%.

Nitrogen Content: Less than 0.5%.

Soluble in: Aqueous organic bases. Dissolves in dilute alkali and ammonium hydroxide.

Insoluble in: Common organic solvents. The polyvalent metal salts are insoluble in water.



THIS oxidized cellulose is prepared by oxidation of cotton cellulose by N_2O_4.* It is a powerful cation absorber; the absorption of sodium ions from sodium chloride solutions is nearly quantitative. It is easily hydrolyzed by acid or basic media and is depolymerized by heat and moisture. Samples in research quantities in powder form will be supplied on request.

*Yackel and Kenyon, *Journal of The American Chemical Society, 64, 121 (1942).*

RESEARCH SAMPLES SENT ON REQUEST

TENNESSEE EASTMAN CORPORATION

(Subsidiary of Eastman Kodak Company)

KINGSPORT, TENNESSEE

TENNESSEE EASTMAN CORPORATION,
Kingsport, Tenn.

Gentlemen: Please send free sample of Oxidized Cellulose for research purposes.

Name .....

Position .....

Company .....

Address .....

City ..... Zone ..... State .....

OPD

Graphite,[1] dom., crystalline, 80% through 50 mesh, graphitic carbon content 65-70%, bgs., whse..lb. .04½- —
70-75%, bgs., same basis. lb. .05 - —
75-80%, bgs., same basis. lb. .05½- —
80-85%, bgs., same basis. lb. .07 - —
85-90%, bgs., same basis. lb. .07 - —
90% and up, same basis. lb. .08 - —
Grease, house,[1,7] loose.....lb. .06¾- —
White, choice, loose.....lb. .06¾- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thiofavin toner, molybdic, kgs., works..lb. 3.25 - —
tungstic, kgs., works.....lb. 3.75 - —
Chrome,[1] CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
15% bbls., same basis...lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .32 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07¼- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis...lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —

Chrome green prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalised with Chicago.

Green, chrome oxide, pure, dms., wks..lb. .24 - —
Malachite, thiofavin toner, molybdic, bbls., works..lb. 3.00 - —
tungstic, bbls., works....lb. 3.50 - —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide, bbls., works....lb. .85 - —
toner, bbls., works.....lb. 4.00 - 5.00
Paris (see P).
Tungstated, brilliant, kgs...lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, coaltar).
Grindelia robusta, bls.....lb. .21 - .23
Guaiac, resin, cs.....lb. .28 - .30
Wood, bls.....lb. .35 - .09
Guaiacol, liquid, N.F., bots., cbys..lb. 1.60 - 1.84
Carbonate, dms.....lb. 2.40 - 2.45
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
l.c.l., works.....lb. .58 - .73¾
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, amber, sorts, bgs...lb. .12 - .12½
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, artificial, cns.....lb. 1.75 - 2.55
Siam, cns.....lb. 3.00 - 6.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo (former dollar-and-cent ceilings revoked Feb. 2. New ceiling prices are to be based on prices to be paid by importers in the Belgian Congo plus landed costs, as determined by a formula under import regulation).
East India,[1] Batu, bold scraped, c.l., same basis.lb. .10¾- —
unscraped, same basis.lb. .09 - —
chips, same basis...lb. .12 - —
dust, same basis...lb. .06½- —
nubs and chips, same basis..lb. .06¾- —
pale, Hiro-Macassar,[1] bold, bgs., c.l., same basis..lb. .17¾- —
chips, same basis....lb. .11½- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .23¾- —
chips, same basis...lb. .11¾- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .16¾- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bakts., c.l., same basis..lb .13½- —
dark, light, same basis..lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBH, same basis.....lb 12 - —
Loba, ONE, same basis..lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09¼- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
WB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
white split chips, bgs., c.l., same basis..lb. .15¼- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l...lb. .08¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis. lb. .15¼- —
extra bold, sorts, bgs. c.l., same basis..lb. .12¾- —
pale chips bold, same basis. lb. .13 - —
nubs, WCB, same basis..lb. .13¾- —
seeds, dust same basis....lb. .06¾- —
SG, same basis.....lb. .10¼- —
small chips same basis..lb. .11¾- —
c.l., same basis..lb. .23¾- —

Gum, copal, Pontianak, bld., scraped, bgs., mixed, same basis..lb. .17¾- —
chips, small, same basis..lb. .13¾- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis.....lb. .15 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cns., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .29¾- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .34¾- —
C, same basis.....lb. .25¾- —
D, same basis.....lb. .25¾- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, c.s., c.l.lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
3, bgs., same basis.....lb. .12¾- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis...lb. .12 - —
seeds, cs., same basis....lb. .17¼- —
Gum, dammar, l.c.l., prices ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or whse. entry port..lb. .09½- .09¾
Ester,[1] gum-rosin, type, dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .1300- —
l.c.l., dlvd., Ill., etc.....lb. .1325- —
other points, same basis. lb. .1400- —
wood-rosin type (formerly designated as "ordinary"), dms., c.l., dlvd. Ill., Ind., etc..lb. .1050- .1075
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.00 - 1.05
Gamboge, pipes, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .40
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis...lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis...lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .30¾- —
dust, pale, same basis...lb. .20¾- —
extra, same basis...lb. .25½- —
No. 1, same basis.....lb. .45 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
Superior, No. 1, same basis.. lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ½c. to ½c higher.
Locust bean, powd., bbls...lb. .50 - .60
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .48 - .50
Olibanum, siftings, cs.....lb. .12 - .18
tears, cs.....lb. .21 - .35
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] casks.....lb. .07½- .09½
Scammony, cs.....lb. 1.80 - 1.85
Talba, bgs.....lb. .10 - .11
Tragacanth, No. 1 cs.....lb 3.50 - 3.90
No. 2, cs.....lb 2.75 - 3.30
No. 3, cs.....lb 2.15 - 2.60
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .05 - —
powdered.....lb. .07¼- —
Gypsum Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.20.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.20.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Plaster of Paris, paper bgs., c.l., Acme, Texas, frt. equald. ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.12.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.60 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich., Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plastercо, Ga.; Portsmouth, N. H.; Roton, Tex.; Southard, Okla.; Sweetwater, Tex.; frt. equald..ton. 8.00 - —
Saltville, Va., frt equald. ton 9.00 - —
Terra alba, paper bgs., c.l., Harlem river, N. Y., works..ton.15.90 - —
New Brighton, N. Y. same basis..ton.14.40 - —

H

Hawthorn berries, bgs.....lb. .57 - .60
Heliotropin, cryst., cns.....lb. 2.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. 2.50 - 2.75
Hematine extract, cryst., No. 6, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .40 - —
No. 1A, bbls., l.c.l.....lb. .37 - —
No. 2, bbls., l.c.l.....lb. .36 - —
No. 3, bbls., l.c.l.....lb. .34 - —
No 4 bbls., l.c.l.....lb .32 - —
No 5, bbls., l.c.l.....lb .30 - —
paste, No. 1, bbls., l.c.l.....lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16¼- —
No. 3, bbls., l.c.l.....lb. .15¼- —
red, No. 4, bbls., l.c.l.....lb. .14½- —
Hemlock bark extract,[1,6] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.00 - 1.25
Henna leaves, bls.....lb. .25 - .32
powd., bbls., bxs.....lb. .28 - .31
Heptane, industrial grade, 50°-100° C., dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10½- —
77°-115° C, dms., c.l., Group 3. gal. .13 - —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .20 - .24
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanone).
Hexamethylenetetramine,[1] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - .35
Hexanol, normal, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots. oz.16.00 -26.00
Hoofmeal, 17-18% ammonia, bulk, c.l., Chicago.... unit-ton. 5.00 - 5.50
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .19
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, bots....oz.20.00 -25.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.29.00 -32.00
Hydrastinine, 10-gr. bots....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofluramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. River or West coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms....lb. .90 - .94
Hydroxycitronellal, cns.....lb. No prices
dms., extra, ret'able, dlvd...lb. No prices
Hyoscine hydrobromide, bots..oz.39.00 -45.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic extract, cryst., No. 1, bbls., l.c.l..lb. .42 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid, No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid, No. 1, bxs., l.c.l.....lb. .20 - —
Hyssop, bgs.....lb. .75 - 1.00

I

Iceland moss, bgs.....lb. .50 - .55
Ichthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb. 19.50 -22.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars....lb. 1.67
150-lb. kgs.....lb. 1.28¾-
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ionone, ketone, bot.....lb. 6.00 - 9.00
Methyl, bot.....lb. 6.25 -12.00
Ipecac root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime, bleached, bls.....lb. .30 - .35
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works..100 lbs. 4.97 - 5.25
l.c.l., works.....100 lbs. 5.50 - 6.50
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .08½
solut., 42 Be, cbys., works, frt. alld. or equald...lb. .05½- .06
djns., same basis.....lb 10 - —
Citrate, USP VIII, gran., dms. lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 2.40 - 3.52
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
Naphthenate, 6% Fe, 50-gal dms..lb. .15 - —
Nitrate, red., tech., dms....lb. .03½- .04
Oxalate, gran., dms.....lb. .23 - .25
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17¼- —
Sulphate (ferric), anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., works.....ton.40.00 - —
(ferrous) tech. (see Copperas)
USP, cryst., bbls., dms...lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms. lb. .10¾- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .32 - .36
scale, dms.....lb. .49 - .53
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .25¼- .26¼
Iron-soda oxalate, bbls., dms...lb. .23½- .25¼
Isobornyl acetate, cns., works.lb. .80 - .95
Propionate, dms., works..lb No prices
Thiocyanoacetate, dms., c.l., works..gal. 4.35 - —
l.c.l., works.....gal. 4.45 - 4.55
tanks, works.....gal. 4.25 - —
Isobutyl acetate, dms., works.lb. No prices
Isoeugenol, cns., works.....lb 3.75 - 4.25
Isopentane, dms., works.....lb 45 - .55
Isophorone, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l. E of Rockies, same basis..lb. .11¼- .12
tanks, E. of Rockies, same basis..lb. .10 - —
Alcohol (see Alcohol, isopropyl).
Ether, dms., c.l., dlvd.....lb. .06 - —
l.c.l.....lb. .06½- —
tanks, dlvd.....lb. .04½- —
Isopropylamine, dms., works..lb. .25 - —

J

Jaborandi leaves, bls.....lb. .14 - .15
Jalap root, NF, bls.....lb. .32 - .38
powd., bbls., bxs.....lb. .36 - .40
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .40 - .70
Juniper tar, USP, dms.....lb. .85 - 1.00

K

Kamala, cns.....lb. .53 - .55
Kaolin (see China clay).
Kava kava root, bls.....lb. .28 - .30
Kerosene, at refinery: Ark., 42-44 w.w., tanks..gal. .05 - —
Bayonne, 41-43 w.w., tanks.. gal. .061 - —
California, 40-43 w.w., tanks, gal. .07 - —
Gulf ports, 41-43 w.w., tanks, gal. .04½- .05
Okla.-Tex., 41-43 w.w., tanks. gal. .04875- —
Penn., 45 w.w., tanks....gal. .0655- .0705
47 w.w., tanks.....gal. .0705- —
Kola, nuts, bgs.....lb. .09 - .10
Kyanite,[1] imp., low iron content, 10-mesh, whse..ton.85.00 -95.00
calcined, grain, 10-mesh, whse. ton.95.00 -100.00

L

Ladyslipper root, bls.....lb. 1.35 - 1.40
Lanolin (see Adeps lanae).
Lard,[1,7] pure, ref., trcs., c.l...lb. 15475- —
prime steam, trcs., c.l.....lb. .1473- —
Larkspur seed, bgs.....lb. .32 - .35
Laurel berries, bls.....lb. .25 - .30
Leaves, Cyprus, bls.....lb. 23½- .29¾
Greek, bls.....lb. No stocks
Portuguese, fair, bls.....lb. .13½- .14
good, bls.....lb. .12½- .13
Turkish, bls.....lb. .17 - .17½
Lavender flowers, medium, bls.lb. .75 - .80
ordinary, bls.....lb. .35 - .43
select, bls.....lb. .90 - .95
Lead, acetate,[1] white, broken, bbls..lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,6] basic powder, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12½
1-lb. ctns. c.l.....lb. .18½- .23¼
l.c.l.....lb. .19 - .23
standard paste, cns. c.l..lb. .05¾- .06
l.c.l.....lb. .06 - .06¼
powder, 3-lb. bgs. or larger, c.l..lb. .11 - .11½
l.c.l.....lb. .12 - .20
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l.....lb. .16¼- .20½
1-lb. ctns., c.l.....lb. .18 - .23
l.c.l.....lb. .18½- .23¼
¼-lb. ctns., c.l.....lb. .21 - .25
¼-lb. ctns., l.c.l.....lb. .21½- .25¼

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt alld. to dest. in lots of 96 lbs. or over; ex frt. or truck allowance for works or whse pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V. bots.....lb. 2.80 - —
jars.....lb. 2.60 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metal,[1,5] (see Protective Coatings Materials market).
Metallic paste, dms., works..lb. No stocks
Naphthenate, 24%-30%, Pb..lb. .14¾- .17¼
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls.lb. .23 - .25
Red, 95% Pb_3O_4 or less, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .09¼- —
per points.....lb. .09
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc.lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
in oil, kgs.....lb. .14 - —
97% Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10½- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala., etc..lb. .10¾ -
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾ - —
other points.....lb. .10¾ - —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc. lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
Resinate, precip 23.3% Pb., dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0750
Soyate, 26.15% Pb., dms.....lb. .22¼- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, blue; Lead, white, basic sulphate).
Sulfate, 10% Pb, dms.....lb. .06¼- —
Titanate, bgs., bbls., c.l., l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11¼- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
dlvd. other points...lb. .08¾- —
l.c.l., dlvd. Ariz., etc...lb. .08¾- —
other points.....lb. .08½- —

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Expedition to Etna

Lemery, in 1705, was the first to demonstrate that ammonium chloride (sal ammoniac) exists among the products derived from volcanoes, where he found it admixed with sodium chloride.

At Etna, Vesuvius, Stromboli, Hecla, and the Sandwich Islands, ammonium chloride occurs as a sublimate mixed with other volatile matters in cavities near the volcano, and in crevices in volcanic lava. It also has been reported in the vicinity of ignited coal seams.

Ammonium chloride is found in guano from the Chincha Islands, in natural salt, in the mother liquor of some brine springs, and in carnallite from Stassfurt.

Since 1867, Mallinckrodt has specialized in the production of ammonium salts for use in medicine and industry. **Over eighty different salts and forms are available — including Acetate, Bromide, Carbonate, Chloride, Iodide, Sulfate — and the Mallinckrodt trade mark is your assurance that these chemicals will meet your most exacting requirements.**

MALLINCKRODT CHEMICAL WORKS

FINE CHEMICALS Mallinckrodt SINCE 1867

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CHICAGO • PHILADELPHIA • LOS ANGELES • MONTREAL

UNIFORM • DEPENDABLE • PURITY

Lead, white, basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¾- —
l.c.l., dlvd. Ariz., etc. lb. .08 - —
in oil, consumers, kgs.....lb. .13¼- .13½
painters, kgs.....lb. .12¾- .13
Lecithin, edible, dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26½- .27
in cocoa butter, dms., c.l..lb. .29½- —
l.c.l. .....lb. .40¾- .50
tech., dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26½- .45
vegetable, pure, bots, 100 lbs. lb. 2.75 - —
Lemon peel, bls.....lb. .80 - .90
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls. .....lb. .60 - .68
Root, Indian, bls.....lb. .12 - .14
powder, bbls. .....lb. .18 - .20
Russian, bls. .....lb. .12 - .15
Spanish, bls. .....lb. .13 - .15
Turkish, bls. .....lb. .12 - .15
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime) lump, pebble, Adams, Mass..ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkeley, W. Va.....ton. 7.50 - —
Buffalo, N. Y.....ton. 9.25 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa.....ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.90 - —
Eagle Mountain, Va.ton. 7.65 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio.....ton. 7.50 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.90 - —
Knoxville, Tenn.....ton. 6.90 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.90 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.90 - —
Ripplemead, Va.....ton. 7.65 - —
Riverton, Va.....ton. 7.65 - —
Rockland, Maine.....ton. 8.00 - —
Scioto, Ohio.....ton. 6.50 - —
Sherwood, Texas.....ton. 6.90 - —
Sherwood, Wisc.....ton. 8.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.50 - —
York, Pa.....ton. 7.50 - —
Hydrated, Adams, Mass....ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkeley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton. 9.50 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa.....ton.10.00 - —
Crab Orchard, Tenn....ton. 9.65 - —
Eagle Mountain, Va....ton. 9.15 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio.....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton.10.65 - —
Knoxville, Tenn.....ton. 9.65 - —
LeRoy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.65 - —
Manistique, Mich.....ton. 9.50 - —
Marblehead, Ohio.....ton. 9.50 - —
Martinsburg, W. Va...ton. 9.00 - —
Menominee, Mich.....ton. — - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.65 - —
Petoskey, Mich.....ton. 9.00 - —
Port Island, Mich.....ton. 9.00 - —
Rapid City, S. Dak...ton.12.00 - —
Ripplemead, Va.....ton. 9.15 - —
Rockland, Maine.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Tenn.....ton.10.65 - —
Sherwood, Wisc.....ton.10.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 9.00 - —
Lime, spray, paper bgs., Adams, Mass..ton.10.00 - —
Annville, Pa.....ton.10.00 - —
Bellefonte, Pa.....ton.10.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio.....ton.10.00 - —
Marblehead, Ohio.....ton.10.00 - —
Rockland, Maine.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.10.00 - —
York, Pa.....ton.10.00 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen[3] 20.5% N. (see Ammonia nitrate-lime-stone).
Linaloel, cns.....lb. 7.75 - 7.80
Linalyl acetate, ex bois de rose, bots..lb. 8.50 - —
ex lignaloe wood, bots.....lb. 7.75 - 8.40
ex petitgrain, bots.....lb. 3.90 - 4.10
Linden flowers with leaves, bls. lb. .65 - .70
Linseed meal,[1,7] 34%, bulk, c.l. ton.45.00 - —
32%, bulk, c.l.....ton.42.00 - —
Litharge, com'l, powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .06¼- —
other points.....lb. .06 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .06¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .08 - —
other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09¼- —
other points.....lb. .09 - —
Lithium carbonate, NF, bgs., kgs..lb. 1.25 - 1.30
Bromide, bbls., 100-lb. lots, works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs....lb. 1.40 - 1.41
Fluoride, bbls.....lb. 2.45 - 2.66
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, bots.....lb. 5.20 - —
jars .....lb. 5.05 - —
Stearate, fib. dms., 8 tons, works..lb. .60 - —
Lithopone,[1] ordinary, bgs., c.l. (20 tons)..lb. .04¼- —
l.c.l. .....lb. .04¼- —
bbls., c.l.....lb. .04¼- —
l.c.l. .....lb. .04¾- —
titanated, (high-strength), bgs., c.l..lb. .0600- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ¼c. higher.
Liverwort leaves, bls.....lb. .65 - .80
Lobelia herb, bls.....lb. 1.10 - 1.15
Lobeline sulphate, bots., wks...oz. 25.50 - 33.00
Logwood extract, crystals, No. 1, bbls., l.c.l.....lb. .34 - —
No. 2, bbls., l.c.l.....lb. .32 - —
liquid, No. 1, bbls., c.l.....lb. .17 - —
No. 2, bbls., l.c.l.....lb. .16 - —
No. 3, bbls., l.c.l.....lb. .15½- —
No. 4, bbls., l.c.l.....lb. .15 - —
solid, No. 1, bgs., l.c.l.....lb. .28 - —
No. 2, bxs., l.c.l.....lb. .26 - —
bbls., c.l., Zone 1.....lb. .09½- —
No. 4, bxs., l.c.l.....lb. .22 - —
No. 3, bxs., l.c.l.....lb. .23½- —
No. 5, bxs., l.c.l.....lb. .21½- —
No. 6, bxs., l.c.l.....lb. .20½- .44½
Lovage root, American (ligusticum actae folium), bls..lb. 1.20 - 1.50
Lupulin, NF, tin.....lb. 12.75 - 13.00
Lycopodium, USP, cs.....lb. 1.75 - 2.00

M

Mace,[1,7] Amboyna, cs.....lb. .77 Nom.
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 Nom.
No. 1, bgs.....lb. .60 Nom.
broken, bgs.....lb. .55 Nom.
Madder, Dutch, bbls.....lb. .24 - .26
Magnesia, arsenate,[1] dms.....lb. .153 - .16
calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., bgs., c.l., l.c.l., Zone 1..lb. .07¼- —
bbls., c.l., Zone 1.....lb. .07½- —
l.c.l., Zone 1.....lb. .08½- —
kgs., c.l., Zone 1.....lb. .08¾- —
l.c.l., Zone 1.....lb. .09¾- —
USP, bgs., c.l., Zone 1...lb. .08 - —
l.c.l., Zone 1.....lb. .09 - —
bbls., c.l., Zone 1.....lb. .08½- —
l.c.l., Zone 1.....lb. .09½- —
kgs., c.l., Zone 1.....lb. .09¾- —
l.c.l., Zone. 1.....lb. .10¾- —

Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2 store delivery; store door delivery, both zones. Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.

Chloride, anhyd., bbls., dlvd.lb. .12¾- —
flake, bbls., c.l., works....ton.82.00 - —
l.c.l., works.....ton.89.00 -43.00
Fluoride, bbls.....lb. .20 - .21
Hydroxide, medicinal, bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.43 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .90 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, ctns.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots.....lb. .42 - —
Magnesite, cal., powd., bgs., c.l., mines, Calif..ton.83.75 - —
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Maleic anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. 1.25 - 1.30
Leaves, bls.....lb. .40 - .41
Manaca root, bls.....lb. .50 - .51
Mandrake root, bls .....lb. .33 - .34
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .13¼
Borate, tech., bbls.....lb. .16 - .19
Carbonate, bbls.....lb. .10 - —
Chloride, anhyd., bbls., wks..lb. .14 - .16
Dioxide, African, battery, 84%-87%, bbls., 28-40 tons, works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
85-90%, burlap bgs., c.l., works..ton.71.75 - —
l.c.l., works.....ton.74.75 -79.75
paper bgs., c.l., works.ton.70.00 - —
l.c.l., works.....ton.73.00 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots.....lb. 5.70 - —
jars .....lb. 5.55 - —
Linoleate, liquid, 4%, dms..lb. .20 - —
solid, precip., 8.2%, bbls...lb. .23 - —
Naphthenate, 6% Mn, dms..gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14¼- .15¼
Soyate, 8.2% Mn, dms.....lb. .22 - —
Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs...lb. .04 - .05
fertilizer grade, 65%, bgs., c.l., dlvd. Kast..ton.39.50 - —
l.c.l., same basis, or Baltc. or Cincinnati ton.68.50 - —
industrial grade, 80%, bgs..lb. .05 - .05¾
Tallate, 4% Mn, dms.....lb. .09 - —
Mangrove bark,[1,6] E. Africa, 38% tannin, c.l., ex dock, U. S. ports..ton.63.00 -64.00
Manna, flake, large, cs.....lb. No stocks
small, cs.....lb. No stocks
Mannitol,[6] com'l, bbls., works..lb. .35 - .40
reagent, cs. or multiples, works..lb. .65 - —
Marjoram, Argentine, bls.....lb. .14 Nom.
California, French type, new crop, bls., Pacific Coast..lb. .34 - .35
Chilean, bls.....lb. .11½- .12
Matico leaves, bls.....lb. .22 - .24
Menadione, USP, bots.....gram. .10 - —
Menthol, natural, USP, cns...lb. 5.00 - 5.25
synthetic, tech., cns.....lb. No prices
USP, laevo, cns.....lb. No prices
racemic, cns.....lb. 4.00 - 4.05
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .75
30%, pails.....lb. 1.80 - —
50%, pails.....lb. 1.68 - 1.90
Mercury bichromate (see Corrosive sublimate).
Bisulphate, dms.....lb. 2.59 - 2.61
Chloride (see Calomel).
Cyanide, cryst. powd.....lb. 3.86 - —
Iodide, red, NF, dms., kgs..lb. 4.20 - —
yellow, fib. dms., kgs....lb. 4.38 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate).
yellow, USP, fib. dms.....lb. 2.94 - 2.96
tech. (see Yellow, mercury oxide).
Mercury and chalk, dms.....lb. 1.66 - 1.76
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10¼- —
Metal leaf, composition, 5¼x5¼ in..pkg. 3.00 - —
Gold X+, deep, 23, 3¾x3¾ in., pkg.15.00 - —
Silver, 3¾x3¾ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1] natural, all grades, dms., c.l., E. of Miss. R. gal. .63 - —
l.c.l., same basis.....gal. .73 - —
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol W. of Miss. R., 3c. higher.
Synthetic, dms., c.l., Zone 1, frt. alld..gal. .24 - —
2, frt. alld. or dlvd...gal. .24 - —
3, frt. alld.....gal. .26 - —
4, frt. alld.....gal. .28 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .26 - —
2, frt. alld.....gal. .25 - —
3, dlvd. S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld...gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, non-ret. dms., c.l., dlvd..lb. .08½- —
10 dms., dlvd.....lb. .09¾- —
1-9 dms., dlvd.....lb. .10¾- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .12 - .15½
10 dms.....lb. .12½- .16¾
1-9 dms.....lb. .14¼- .17¾
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .20½- —
Acetone, natural, Group A, dms., incl. E. of Miss., frt. alld..gal. .86 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone prices W. of Miss R., 3c. per gal. higher.

Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .63 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Synthetic, dms., c.l., Zone 1. gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles and San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, dms.....lb. 1.80 - 1.85
cns., bots.....lb. 2.20 - 2.35
Benzoate, cns.....lb. .48 - .51
Bromide, cns.....lb. .75 - .80
cyls.....lb. .65 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point; prices above are in 90 90 and 150-lb. cylinders; 20-lb. cylinders 10c. per pound higher.

Cinnamate, cns.....lb. 2.50 - 2.55
Formate, dms.....lb. .89 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd.....lb. No stocks
Oleate, dms., c.l.....lb. .35 - —
Salicylate,[1] dms., 500 lbs....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. No stocks
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld.....lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
smaller lots, frt. alld....lb. .58 - .63
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms.. works..lb. No stocks
Methylene blue, USP, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks...lb. .15 - .20
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone, dms., dlvd. lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
tanks, dlvd.....lb. .08 - —
Methylhexyl ketone, dms., tech., works—lb. .60 - —
Methylisobutyl carbinol (see Carbinol, methylisobutyl).
Methylisobutyl ketone, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Methylnaphthyl ketone, cns...lb. 3.25 - 3.75
Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16½- —
1 and 5-gal. cont., works..lb. .20½- .23½
tanks, works.....lb. .15 - —
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works.ton.47.50 - —
l.c.l., works.....ton.51.00 - —
roofing, 20 mesh, bgs., c.l., works..ton.32.50 -35.00
l.c.l., works.....ton.38.00 -40.00
30-31 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works.....ton.37.50 -40.00
40-45 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works.....ton.37.50 -40.00
80 mesh, bgs., c.l., works, ton.40.00 -42.50
l.c.l., works.....ton.44.00 -45.50
graphitic, bulk, Pa., mines, ton.80.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
extra fine, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05½- —
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse. or frt. alld. E..lb. .06 - —
rubber, bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse. or frt. alld. E..lb. .05¾- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse. or frt. alld. E..lb. .06 - —
white, extra fine, bgs., c.l., works, frt. alld. E..lb. .06½- —
l.c.l., ex whse. or frt. alld. E..lb. .07 - —

Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, ¾c. higher.

Milk powder,[1,7] skimmed, roller, bulk, c.l..lb. .14¼- —
spray, bulk, c.l.....lb. .13¾- —
whole, roller, bbls, c.l.....lb. .29 - —
spray, bbls., c.l. .....lb. .30 - —
Milk sugar,[1] bbls., c.l., works.lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .13 - —
Area 2 .....gal. .13½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
tanks, Area 5.....ton.34.00 - —

Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif; Area 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[1,6] pure, kgs., works, basis Mo. content..lb. .85 - —
technical, kgs., works, basis Mo. content..lb. .80 - —
Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —
Monochlorobenzene, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .07 - .09
Monoethanolamine, dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%..lb. .17 - —
l.c.l., works, basis 100%...lb. .18 - —
tanks, 100% basis, works....lb. .15 - —
Monomethylamine, dms.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90
Monosodium phosphate (see Soda
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., l.c.l., works, lb .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
Musk, nat., Tonquin, grains, bots., oz.55.00 -60.00
synthetic, ambrette, cns., 100 lbs., or more..lb 4.00 - 9.10
25 lbs.....lb 4.10 - 9.10
5 lbs.....lb 4.25 - 9.45
ketone, cns., 100 lbs. or more..lb. 4.15 - 9.25
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, dms.....lb. .85 - 1.40
25 lbs.....lb. 1.50 - 2.00
5 lbs.....lb. 1.65 - 2.90
Muskroot, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs. lb. .14½- .15
yellow, bgs.....lb. .21 Nom.
Danish, yellow, bgs.....lb. .25½- .25¾
Montana, brown, bgs.....lb. .11 - .11½
oriental, bgs.....lb. .11½- .12
yellow, bgs.....lb. .26 - .26½
Swedish, bgs., futures.....lb. .38 - .38½
Washington, yellow, bgs...lb. .26 Nom.
Myrobalans,[1] whole, J1. U. S. ports, ex dock..ton.57.00 - —
J2, same basis.....ton.51.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).

Naphthalene, crude, dom., 74°, bgs., c.l., frt. equaid..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis..lb. .0323- —
bbls., c.l., same basis...lb. .0325- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .09¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite,[1] glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.15.50 - —

Nephelinesyenite in bgs. is $2 per ton higher than bulk.

Nerolin, crys., cns.....lb. 1.70 - 1.80
Niacin (see Acid, nicotinic).
Nickel, carbonate, bbls.....lb. .36 - .36¼
Chloride, bbls.....lb. .18 - .20
Cyanide, bots., dms.....lb. No stocks
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 90 lbs..lb. .8660- —
tins, 10 lbs.....lb. 1.015 - —
Nicotinamide, USP, dms....kilo.11.00 -11.30
Nikethamide, bots., cbys.....lb. 9.00 -12.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½ sec., 30-35 cps., bbls., works, dry weight..lb. .28 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., works, dry weight, lb. .25 - —

Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.

Nitroethane, dms., works.....lb. .25 - —
Nitrogen solut., tanks.....ton.108.21 - —

Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis. Hopewell, Va., bulk, works,

Nitrogenous process tankage,[1,7] unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton, 2.60 + .40 - .3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .25
Nitropropane I, dms., works..lb. .25 - —
II, dms., works.....lb. .25 - —
Nutgalls,[5] Aleppo, bgs.....lb. No stocks
Chinese, bgs.....lb. No stocks
Nutmegs,[1,7] West Indian, No. 1, futures..lb. .34½- .34¾
Nux vomica, bls.....lb. .10 - .11
powder, bbls., bxs.....lb. .13 - .14

O

Oakbark extract,[1,8] 25% tannin, bbls., c.l., works..lb. No stocks
Octane,[1] 100° C-140° C, industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G. 3.....gal. .29 - —
10 gals., G. 3.....gal. .55 - —
tanks, G. 3.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.F.C., bots.....lb. 4.00 - 5.25
USP, bots.....lb. No prices
Sweet, exp., dms., cns.....lb. 1.10 - 1.40
Angelica root, bots.....lb.120.00 -140.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, Russian, USP, cns....lb. 4.00 - —
Chinese, dms.....lb. 3.25 - 3.50
Apricot kernel, cns.....lb. .45 - .50
Avocado, cns., dms.....lb. 1.00 - 1.10
Babassu,[1,7] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.40 - 1.65
Puerto Rican, 50-55%, cns..lb. 1.75 - —
Bergamot, artif., cns.....lb. 2.25 - 6.00
natural, Italian, cns.....lb. 8.00 -10.00
Birch (see Oil, sweet birch).
Birchtar, crude, cns.....lb. 5.00 - 6.00
rectified, cns.....lb. No stocks
Bois de rose, Brazil, cns.....lb. 5.00 - 7.00
Mexican (see Oil, lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms.....lb. 2.25 - —
redistilled, USP IX, cns....lb. 2.40 - —
Calamus, cns.....lb.20.00 -24.00
Camphor, synthetic, white, cns. lb. .20 - .40
Cananga, native, cns.....lb. 8.00 -10.00
rectified, cns.....lb.10.50 -11.50
Capsicum (see Capsicum, oleoresin).
Caraway, NF, cns.....lb. 8.00 -10.25
Cardamom, bots.....lb.16.50 -22.50
Cassia, USP, cns.....lb. 8.50 -11.00
Castor,[1] blown, ret. dms., c.l. lb. .16½- —
l.c.l. .....lb. .17¼- —
cold pressed, USP, cns....lb. .17 - .19
dms., c.l.....lb. .15 - —
l.c.l. .....lb. .15¾- —
tanks .....lb. .1430- —
dehydrated, bodied, dms., c.l. lb. .1975- —
l.c.l. .....lb. .2015- —
tanks .....lb. .1935- —
unbodied, dms., c.l.....lb. .1875- —
l.c.l. .....lb. .1915- —
tanks .....lb. 1835- —
No. 3, tech., dms., c.l....lb. .14¾- —
l.c.l. .....lb. .15¼- —
tanks .....lb. .14 - —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - .10¼
l.c.l. .....lb. .10¼- .11
75% (63% fat), dms., c.l..lb. .12¼- .12¾
l.c.l. .....lb. .13 - .13¼
80% (65% fat), dms., c.l..lb. .12¾- .13
l.c.l. .....lb. .13¼- .13½
Cedarleaf,[1] USP, cns., dms..lb. 2.55 - 2.65
Cedarwood, USP, cns., dms..lb. .90 - 1.15
Celery, bots.....lb.16.50 -18.00
Chaulmoogra, USP, cns.....lb. .60 - .70
Chinawood (see Oil, tung).
Cinnamon bark, bots.....lb.32.50 -45.00
leaf, dms.....lb. 1.40 - 1.85
Citronella, Ceylon, cns.....lb. 1.70 - 1.85
Clove, USP, cns.....lb. 1.50 - 1.85
Coconut,[1,7] crude, Ceylon, bulk, c.i.f. N. Y..lb. .0885- —
Cochin type, bulk, c.i.f. N. Y..lb. .0935- —
Manila, bulk, c.i.f. N. Y..lb. .0835- —
ret. dms.....lb. .0885- .0985
edible, ex tax, bulk.....lb. .0985- —

Oil, cod, Newfoundland, dms.gal. .88 - .90
tanks .....gal. .86 - —
Codliver, USP, bbls., dms..gal. 2.15 - 3.25
Coriander, bots.....lb.24.00 -35.00
Corn,[1,7] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16½
tanks .....lb. .1502- —
foots, acid, 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E.lb. .03½- —
Cottonseed,[2,7] crude, tanks, works..lb. .12¼- .13½
foots, acid, 95%, tanks, dlvd. E..lb. .07¾- —
raw, 50%, tanks, dlvd. E. lb. .03¾- —
salad, l.c.l., dms.....lb. .16¾- .17
Creosote (see C).
Croton, NF, cns.....lb. No prices
Cubeb, cns.....lb. No prices
Crude (see Petroleum, crude).
Cumin, bots.....lb.22.00 - —
Cypress, bots.....lb.12.00 -16.00
Degras (see D).
Dillseed, bots.....lb. 6.00 - 7.00
Dillweed, bots.....lb. 4.25 - 4.50
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, 80-90%, cns....lb. 1.18 - 1.40
Fennel, sweet, cns.....lb. 3.75 - 4.00
Fir, Canada, cns.....lb. 2.25 - 2.80
Fishliver,[1] dms., less than 40,000 A units per gram... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram. per million units. .001 - —
200,000 or more A units.... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Garlic, pure, bots.....oz.15.00 - —
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns....lb. No stocks
Geranium, Bourbon, cns.....lb.16.50 -22.00
Russian, cns.....lb. No stocks
Turkish (see Oil, palmarosa).
Ginger, dist., bots.....lb.12.00 -14.00
Oil, grapefruit, cns.....lb. 2.05 - 2.75
Grease, common, No. 1, bbls., c.l..lb. .14 - —
extra, No. 1, bbls., c.l.....lb. .14½- —
Winter strained, bbls., c.l..lb. .15 - —
prime, burning, bbls., c.l..lb. .16 - —
inedible, bbls., c.l.....lb. .15½- —
Guaiacwood, cns.....lb. 3.10 - 4.00
Hemlock, cns.....lb. 2.60 - —
Herring,[1] crude, tanks, Pac. coast..lb. .089 - —
Juniper, berry, dom., bots....lb. 6.50 - 8.50
Juniper tar, USP (see Juniper Tar).
Juniper wood, tech., cns....lb. .90 - 1.00
Lard oil (see Oil, grease).
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 5.50 - 8.00
Lavender flower, French, 38%-42% ester, cns..lb.13.00 -17.00
30-32% ester.....lb. 8.50 - —
Russian, cns.....lb.14.50 - —
spike, Spanish, pure, cns...lb. 2.65 - 3.10
tech., cns.....lb. 2.35 - 2.50
Lemon, USP, Calif., cns.....bl. 3.25 - —
Messina,[1] cns.....lb. No stocks
Terpeneless, bots.....lb.42.00 -50.00
Lemongrass, cns., dms.....lb. 2.95 - 3.85
Lignaloe seed, Mexican, cns. lb. No stocks
wood, Mexican, cns.....lb. No stocks
Brazilian (see Bois de Rose).
Lime, distilled, Mexican, cns. lb. 6.00 - 7.25
West Indian, cns.....lb. 6.60 - 7.50
expressed, West Indian, cns. lb.13.50 -15.00
Linseed,[1,7] raw, dms., c.l....lb. .1550- —
l.c.l. .....lb. .1600- .1600
tanks .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 higher than raw.
Linseed, replacement, dms., c.l. lb. .1400- .1550
tanks .....lb. .1320- .1470

Oil, lubricating,[1] at refinery, ex tax, California, neutral, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks, gal. .23 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks. gal. .16 - —
200-300 vis., No. 3, col., 15-25 pour, tanks, gal. .15 - .16
Pa., bright stock, 145-155
Pa., bright stock, 145-155 vis., No. 3 color, 10-25 pour, tanks..gal. .25 - .50¼
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam, refd., tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks..gal. .26 - .31
200 vis., 25 pour, tanks, gal. .28 - .33
Mace, dist., cns., dms.....lb. 4.75 - 5.25
Mandarin, Brazilian, cns....lb. 6.00 -10.00
Menhaden,[1,7] crude, tanks, Balto..lb. .0890- —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.45 - 1.65
Seed, exp., dms., extra....lb. .14¾- —
Neatsfoot,[1] 15°, bbls.....gal. 1.80 - 1.85
20°, bbls.....gal. 1.75 - 1.80
30°, bbls.....gal. 1.55 - 1.60
pure, bbls.....lb. .15½- .16¼
Neroli, French, bots.....lb.230.00 -300.00
Haitian, bots.....lb.195.00 -200.00

If it's LEMON flavored—

IT'S 4 TO 1 THE OIL IS EXCHANGE!

More than 80% of all the lemon oil used in the United States is Exchange Lemon Oil.

This overwhelming endorsement by the trade is your assurance that Exchange Lemon Oil delivers *flavor...clarity* and *uniformity* not found in any other Lemon Oil.

Distributed in the United States exclusively by
DODGE & OLCOTT, INC.
180 Varick Street, New York 14, N. Y.
FRITZSCHE BROTHERS, INC.
76 Ninth Avenue, New York 11, N. Y.
Distributors for:
CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIF.
Producing Plant:
The Exchange Orange Products Co., Ontario, Calif.

Oil, olticica,[1] liquid, dms., c.l. lb. .25½- —
dms., l.c.l. lb. .25½- —
Oleo,[1] extra, dms., Chicago lb. .1304- —
prime, dms., Chicago lb. .1275- —
Olibanum, bots lb. 4.75 - 5.20
Olive, denat., dms gal. No stocks
edible,[1] Calif., 3%-½% f.f.a., dms., extra, works gal. 4.30 - 4.80
imported, dms gal. No stocks
foots,[1] dom., dms., c.l. lb. .18 - —
tankcars, works lb. .17 - —
imp.,[1] dms., c.l., ex dock, lb. .18 - —
tankcars, ex dock lb. .17 - —
sulphonated, 50% (40% fat), dms., c.l. lb. No stocks
l.c.l. lb. No stocks
80% (68% fats), dms., c.l. lb. No stocks
l.c.l. lb. No stocks
85% (68% fat), dms., c.l. lb. No stocks
l.c.l. lb. No stocks
Orange, sweet, dist., cs. lb. 1.25 - 1.35
expressed, USP, Brazilian, cns. lb. 1.30 - 1.65
Calif., cns. lb. 1.55 - 2.00
Florida, cns., dms. lb. 1.40 - 1.70
Messina, coppers lb. No stocks
West Indian, cns. lb. 2.25 - 3.75
sesquiterpeneless, bots. lb. 100.00 -112.00
Origanum, Spanish, cs. lb. 2.40 - 2.85
Palm,[1,7] Niger, dms. lb. .0865- —
Palmarosa, cns. lb. 7.50 - —
Palmkernel,[1,7] crude, bulk, c.i.f. N.Y. lb. .0885 Nom.
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.3. gal. .05¾- —
320° flash, 60-70 vis., tanks, G.3. gal. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour, G.3. gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y. gal. .12 - —
100-110 vis., 0/10 pour, same basis. gal. .08½- —
10/25 pour, same basis. gal. .08¼- —
Patchouli, cns. lb. No stocks
Peanut,[1,7] bleached, deod., tanks, dlvd. E. lb. .1501- —
crude, tanks, works lb. .12¾- .13¾
foots, acid, 95%, tanks, dlvd. E. lb. .08 - —
raw, 50%, tanks, dlvd. E. lb. .04 - —
hydrogenated, tanks, dlvd. E., lb. .1573- .1575
Pennyroyal, dom., dms., cns. lb. 3.25 - 3.50
import, cns. lb. 3.35 - 4.00
Peppermint,[1] natural, dms. lb. 6.25 - 7.00
redist., USP, dms. lb. 6.65 - 7.50
Perilla, crude, dms. lb. No stocks
Petitgrain, Paraguay, cns., dms. lb. 2.75 - 3.25
Pimento, berry, dms. lb. 6.85 - 8.00
leaf, cns. lb. 3.65 - 5.75
Pine,[1] ret. dms., c.l., dlvd. E. gal. .63 - .63½
l.c.l., dlvd. E. gal. .73 - —
tanks, works gal. .55 - —
Pineneedle, cns. lb. 3.10 - 3.65
Putty, bbls., E. Segundo, Richmond, Cal. gal. .22½- —
contracts gal. .19½- —
dms., c.l., Whiting, Ind. gal. *.34 - —
Boston, Providence gal. .25 - —
l.c.l., same basis gal. .27 - —
tanks, same basis gal. .18 - —
Martinez, Cal. gal. .28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1] bulk lb. .13 - —
Red,[1] ret. bbls., c.l., dms., dlvd. E. of Rockies lb. .13¼- —
W. of Rockies lb. .14¼- —
Texas and Okla. lb. .13¾- —
tanks, dlvd. E. of Rockies, lb. .12½- —
W. of Rockies lb. .13½- —
Texas and Okla. lb. .13 - —
double dist., ret. dms., c.l., dlvd. E. of Rockies lb. .15¾- —
W. of Rockies lb. .16¾- —
Texas and Okla. lb. .16¾- —
special non-ret. dms., bbls., c.l., dlvd. E. of Rockies, lb. .16¾- —
W. of Rockies lb. .17¾- —
Texas and Okla. lb. .17½- —

Red oil prices for ton lots are ½ cent per pound higher, and 1c. higher for less than ton lots.

Rose, natural, coppers oz. 31.25 -48.00
Rosemary, Spanish, tech., cns., dms. lb. 1.20 - 1.35
USP, cns., dms. lb. 1.45 - 1.60
Rosin, 1st rectified, dms. gal. .66 - —
2nd rectified, dms. gal. .68 - —
3rd rectified, dms. gal. .72 - —
Rue, bots. lb. 4.75 - 5.25
Sage, Spanish, cns. lb. 2.50 - 3.25
Sandalwood, NF, Mysore, cns., case lots. lb. 9.52 - —
Sardine, crude,[1,7] tanks, Pac. coast. lb. .089 - —
refined, alkali, dms., l.c.l. lb. .1400- —
kettle-bodied, dms., l.c.l. lb. .1500- —
light-pressed, dms., l.c.l. lb. .1300- —
tanks lb. .1225- —
Sassafras, artif., Brazilian, cns. lb. .62 - .80
natural, cns., dms. lb. 2.00 - 2.30
Savin, cns. lb. No stocks
Savory, cns. lb. 8.00 - —
Seal,[1] No. 1, tanks, U.S. ports. lb. .080 - —
Sesame,[1,7] tanks lb. .1430- —
Shingle stain, bbls., c.l., works. gal. .2185- —
l.c.l., works gal. .23 - .29
tanks, works gal. .15 - .16
Snakeroot, Canada, cns. lb. No stocks
Soybean,[1,7] clarified, dms. lb. .1296 -.1335
tanks lb. .1250- —
crude, tanks, Decatur lb. .1175- —
degd., Winter, tanks lb. .1393- —
ret. dms. lb. 1500- .1540
foots, acid, 95%, tanks, dlvd. E. lb. .07¼- —
raw, 50%, tanks, dlvd. E. lb. .03½- —
refd., varnish, dms. lb. .1380- .1400
tanks lb. .1340- .1347
Spearmint, dms. lb. 4.00 - 4.25
Sperm, bleached, 38°, dms. lb. .1445- —
natural, 45°, dms. lb. .1310- .1311
Spruce,[1] cns., dms. lb. 2.35 - 2.72
Sunflower,[7] imp., refined, tanks. lb. .1438- —
semi-refined, tanks lb. .1430- —
Sweet birch, North, cns. lb. 5.00 - 6.25
South, cns. lb. 2.50 - 3.75
Tall,[1] crude, dms., c.l., works. ton. 58.65 -55.00
l.c.l., works ton. 58.65 -63.65
tanks, works ton. 40.00 -45.00
refined, dms., c.l., works. lb. .05 - .05¼
l.c.l., works lb. .05¼- —
tanks, works lb. .04¼- —
Tallow, acidless, bbls lb. .14¼- —
tanks lb. .13¾- —
Tansy, cns. lb. No stocks
Tar,[1] pine, crude, dms., c.l., dlvd. E. cities gal. .32¾- —
l.c.l., works gal. .29¾- —
tanks, dlvd. E. cities gal. .27 - —
rectified, USP, bbls gal. .60¼- —
Tar acid (see T).
Thyme, NF, red, cns. lb. 3.20 - 3.25
white, cns. lb. 3.50 - 3.65
Oil, tung,[1] dms., c.l. lb. .39 - .39½
l.c.l. lb. .40 - .41
tanks lb. .38¾- —
Turkey red (see Oil, castor, sulphonated).
Turpentine, rectified, USP, cns., dms. lb. .25 - .29
Vetiver, Bourbon, cns. lb. 37.00 -40.00
Whale,[1] ref., natural, dms. lb. No stocks
Winter bleached, dms. lb. No stocks
Wheat germ, dms. gal. 10.00 -13.50
White mineral, tech., 50-65 vis., dms., incl., c.l. gal. .34 - —
l.c.l. gal. .37 - .41
65-75 vis., dms., dms. incl., c.l. gal. .35 - —
l.c.l. gal. .38 - .42
USP, 80/90 vis., dms., dms. incl., c.l. gal. .37 - —
l.c.l. gal. .40 - .44
125/135 vis., dms., dm. incl., c.l. gal. .46 - —
l.c.l. gal. .49 - .53
145/155 vis., dms., dms. incl., c.l. gal. .48 - —
l.c.l. gal. .51 - .55
175/185 vis., dms., dms. incl., c.l. gal. .50 - —
l.c.l. gal. .53 - .57
200/210 vis., dms., dms. incl., c.l. gal. .54 - —
l.c.l. gal. .57 - .61
335/345 vis., dms., dms. incl., c.l. gal. .62 - —
l.c.l. gal. .65 - .69
55, 70 and 85 vis., non-ret. dms., San Francisco gal. .42 - —
smaller lots, same basis. gal. .44 - 47
100 vis., non-ret. dms., 65 dms., San Francisco gal. .51½- —
100 vis., non-ret. dms., San Francisco, smaller lots, same basis. gal. .53½- .56½
145 vis., non-ret. dms., 65 dms., San Francisco gal. .59 - —
smaller lots, same basis gal. .61 - .64
180 vis., non-ret. dms., 65 dms., San Francisco gal. .62½- —
smaller lots, same basis gal. .64½- .67½
340 vis., non-ret. dms., 65 dms., San Francisco gal. .74 - —
smaller lots, same basis gal. .76 - .78
Wintergreen, natural, North, cns. lb. 5.50 -12.00
South, cns. lb. 3.65 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, tung).
Wormseed, cns. lb. 5.00 - 5.35
Wormwood, cns. lb. 4.85 -10.00
Ylang-ylang, Bourbon, extra, bots. lb. 20.50 -24.50
first, bots. lb. 15.00 -19.50
second, bots. lb. 11.50 -14.50
third, bots. lb. 6.50 - 9.50
Oleostearin,[1,7] dms., Chicago lb. .1061- —
Olivine, aggregate, c.l., mines ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works ton. 8.00 - —
paper bgs., c.l., works ton. 9.50 - —
lumps, paper bgs., c.l., works ton. 7.00 - —
spalls, paper bgs., c.l., works ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots. lb. 13.00 - —
25-lb. lots lb. 13.25 - —
smaller lots lb. 13.50 -13.65

Prices on powd. and gran. USP opium are $1.50 per pound higher.

Orange, cadmium, selenide, bbls., 100-lb. lots, works lb. 1.50 - —
Dinitroanilin, toner[1] lb. 1.05 - —
Molybdate,[1] bbls lb. .41 - —
Orthonitroanilin toner,[1] bbls., kgs., works lb. .80 - 1.05
Persian,[1] bbls lb. .30 - .45
Orange mineral, American, bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .12¼- —
dlvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo. lb. .12½- —
other points lb. .12 - —
smaller lots, Ala., etc. lb. .12¾- —
Ariz., etc. lb. .13¼- —
Colo., Mont., N. M., Wyo. lb. .13 - —
other points lb. .12½- —
Orange peel, bitter, Haitian, bgs. lb. .13½- —
sweet, bls lb. .14 - .14½
Oregano, Mexican, curly leaf, bgs. lb. .08½- .09
flat leaf, bgs lb. .08¼- .09¾
Orris root, Florentine, bls lb. .55 - .56
Verona, bls lb. No stocks
Portuguese, bls lb. 48 - .49
Orthoamylphenol, dms., works lb. .25 - —
Orthoanisidin, bbls lb. .70 - —
Orthochloranilin, dms lb. .60 - —
Orthochlorophenol, dms lb. .25 - .27
Orthocresol,[2] 30.4° C., min., M.P., dms., c.l., works lb. .17½- .18
l.c.l., works lb. .18 - .18½
29° C. min., M.P., dms., c.l., works lb. .16½- .17
l.c.l., works lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies lb. .07 - —
l.c.l., same basis lb. .08 - —
tanks, same basis lb. .06½- —

Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.

Orthonitroanilin, dms lb. 43 - .55
Orthonitrobiphenyl, tech., grade A., dms., c.l., works lb. .10 - —
l.c.l., works lb. .11 - —
grade B, dms., c.l., works lb. .06 - —
l.c.l., works lb. .07 - —
Orthonitrochlorobenzene, dms lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms lb. .09 - —
Orthophenetidin, dms lb. .82 - —
Orthotoluidin, dms lb. .19 - —
Osage orange crystals, bbls lb. .23 - —
Extract, No. 1, bbls lb. .11 - —
No. 2, bbls lb. .10 - —
Ouabaine, USP, bots gram. 3.00 - 4.00
Oxyquinolin sulphate, cns., 100 lbs., works lb. 3.50 - —
small lots, works lb. 3.75 - 4.15

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Papain, powd., cs lb. 4.25 - 4.50
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots oz. 7.00 - —
smaller lots oz. 7.05 - 7.35
Sulphate, cns oz. 7.10 - 7.35
Paprika,[4] Calif., sweet Caliente, ground, bgs. lb. .40 - .41
Chilean, bgs lb. .30½- .36
Portuguese, bgs lb. .38 - .42
Spanish, bgs lb. .43 - .44½
Para-anisidin, dms., works lb. .75 - —
Parachlorophenol, dms., c.l., works, lb. .24 - —
l.c.l., same basis lb. .25 - .27
Paracresol, bbls., works lb. .41 - —
Paracymene, dms., c.l., works lb. .1595- —
l.c.l., same basis lb. .1645- —
tanks, same basis lb. .1545- —
Paradichlorobenzene, dms., c.l., works lb. .11 - .12
l.c.l., same basis lb. .12½- .15
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery lb. .04¼- —
fully ref'd slabs, loose, 117-119 ASTM, c.l., refinery lb. .05 - —
120-122 ASTM, refinery lb. .0520- —
122-124 ASTM, refinery lb. .0520- —
125-127 ASTM, refinery lb. .0560- —
127-129 ASTM, refinery lb. .0585- —
128-130 ASTM, refinery lb. .0585- —
130-132 ASTM, refinery lb. .0615- —
132-134 ASTM, refinery lb. .0640- —
135-137 ASTM, refinery lb. .0715- —
140-142 ASTM, refinery lb. .0810- —
146-148 ASTM, refinery lb. .1050- —

Prices in bags 4/10c. lb. higher.

Paraformaldehyde, dms., 1,000 lbs. or more, works lb. .21 - —
smaller lots, works lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., wks. lb. .12 - —
10-gal. dms., works lb. .15 - —
USP, cbys., cns lb. .35 - .45
Paranitroanilin, kgs., works lb. .41 - .43
Paranitrochlorobenzene, kgs., wks. lb. .15 - —
Paranitrophenol, kgs lb. .35 - —
Paranitrotoluene, kgs., works lb. .30 - —
Paraphenylenediamine, tech., kgs. lb. 1.25 - —
Paratoluenesulphonamide, bbls. lb. .70 - —
Paratoluidin, bbls., works lb. .48 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld. lb. .20 - .27
l.c.l., same basis lb. .22 - .28
Passion flower herb, bls lb. .23 - .24
Patchouli leaves, bls lb. .34 - .35
Pectin, bbls lb. 1.25 - —
Penicillin,[4,6] ampule, per 100,000 units. .55 - .95
Pennyroyal leaves, bls lb. .16 - .18
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol, CP, bbls., dlvd. lb. .75 - —
smaller containers lb. 1.00 - —
tech., bbls., c.l. lb. .27 - —
l.c.l. lb. .31 - —
Pentane, 28°-38° C., industrial grade, dms., c.l., Group 3. gal. .11 - —
l.c.l., dms., Group 3. gal. .19 - —
tanks, Group 3 gal. .07½- .07¾
laboratory grade, 10-gal. cns., dlvd. E. gal. .55 - —
dms., c.l., Group 3 gal. .16 - —
l.c.l., Group 3 gal. .29 - —
Pepper, black,[1,7] 15 tons, bgs. lb. .15 - .15½
50 to 100 bgs. lb. .15¾- .16¼
25 to 49 bgs. lb. .16¼- .16½
5 to 24 bgs. lb. .16½- .17
Red, capsicum, Carolina, longs, new crop, bgs., ship't point. lb. No stocks
sports, old crop, bgs. lb. No stocks
Louisiana, sports, bgs. lb. No stocks
long, new crop, bgs., ship't point. lb. No stocks
Chillies, Mexican, bgs lb. .40 - .40½
White,[1,7] bgs., 15 tons lb. .23 - .23½
Peppermint, dom., USP, bls lb. .85 - .90
imported, USP, bls lb. 1.50 - 1.55
Perchloroethylene, dms., c.l., Zone 1, works, frt. alld. lb. .0772- .0800
Zone 2, same basis lb. .0832- .0850
Zone 3, same basis lb. .0892- .0900
Zone 4, same basis lb. .0876- .0900
l.c.l., Zone 1, same basis lb. .0882- .0850
Zone 2, same basis lb. .0882- .0900
Zone 3, same basis lb. .0932- .0950
Zone 4, same basis lb. .0926- .0950

Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3), Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Peru balsam, dms lb. 1.10 - 1.20
Petrolatum, tech., dark, bbls., c.l., Group 3. lb. .021 - —
golden topaz, bbls., c.l. lb. .032 - —
l.c.l. lb. .036 - —
red, veterinarian, bbls., c.l. lb. .024 - —
l.c.l lb. .028 - —
USP, amber, non-ret. dms., c.l. lb. .03½- —
l.c.l lb. .04½- —
extra amber, dms., c.l. lb. .03¾- —
l.c.l. lb. .04¾- —
cream, c.l., dms lb. .05 - —
l.c.l. lb. .06½- —
white, lily, dms., c.l. lb. .05¾- —
l.c.l. lb. .07¼- —
snow, dms., c.l. lb. .06½- —
l.c.l. lb. .08 - —
soft, dms., c.l. lb. .05¼- —
l.c.l. lb. .06½- —
yellow, soft, dms., c.l. lb. .03½- —
l.c.l. lb. .04½- —
Petroleum, crude, bulk, at wells, California, heavy grades. bbl. .93 - 1.01
Illinois bbl. 1.37 - —
Kentucky, Union County. bbl. 1.32 - 1.37
Louisiana-Arkansas bbl. .86 - 1.20
Oklahoma-Kansas bbl. .85 - 1.25
Pennsylvania bbl. 1.31 - 3.00
Texas, Gulf coast bbl. 1.31 - 3.00
North, North - Central. bbl. 1.01 - 1.25
Panhandle bbl. 1.10 - 1.22
West bbl. .70 - 1.72
Wyoming bbl. 1.12 - —
Ether, laboratory grade, 30°-60° C, 10-gal. cns., dlvd. E. gal. .55 - —
dms., c.l., Group 3 gal. .16 - —
l.c.l., same basis gal. .29 - —
35°-60° C., 10-gal., cns., dlvd., E. gal. .55 - —
dms., c.l., Group 3 gal. .16 - —
l.c.l., same basis gal. .29 - —
40°-75° C, 10-gal., cns., dlvd., E. gal. .55 - —
dms., c.l., Group 3 gal. .16 - —
l.c.l., Group 3 gal. .29 - —
40°-75° C, 10-gal., cns., dlvd., E. gal. .55 - —
dms., c.l., Group 3 gal. .16 - —
l.c.l., same basis gal. .29 - —
Fuel oil,[1] furnace, tanks, at refinery, Arkansas, No. 2. gal. .04¼- —
No. 3 gal. .04 - —
Petroleum, fuel oil, furnace, tanks, at ref'y, Bayonne, No. 2, tanks. gal. .057 - —
California, heavy bbl. 1.10 - —
light bbl. 1.20 - —
diesel gal. .04 - —
range gal. .05 - —
Group 3, No. 1 gal. .04¾- —
No. 2, straw gal. .04¼- —
No. 3 gal. .04 - —
No. 3, range gal. .04 - .04¼
Kansas, No. 6 bbl. 1.02 - —
Oklahoma, No. 1, p.w. gal. .04¾- —
No. 1, straw gal. .04¼- —
No. 2, straw gal. .04¼- —
No. 3 gal. .04 - —
No. 6 bbl. .90 - .97
range gal. .04½- —
Pennsylvania, No. 1 gal. .06925- .0705
No. 2 gal. .06375- .0675
No. 3 gal. .06375- .0675
36-40 gravity gal. .0625- .0675
bunker C (No. 6), tanks, Albany, N. Y. bbl. 1.92 - —
Baltimore, Md. bbl. 1.72 - —
Boston, Mass. bbl. 1.765 - —
Charleston, S. C. bbl. 1.63 - —
Fall River, Mass. bbl. 1.735 - —
Jacksonville, Fla. bbl. 1.63 - —
New Haven, Conn. bbl. 1.765 - —
New York, N. Y. bbl. 1.72 - —
Norfolk, Va. bbl. 1.68 - —
Philadelphia, Pa. bbl. 1.72 - —
Portland, Me. bbl. 1.765 - —
Portsmouth, N. H. bbl. 1.765 - —
Providence, R. I. bbl. 1.735 - —
Savannah, Ga. bbl. 1.63 - —
Tiverton, R. I. bbl. 1.735 - —
Wilmington, N. C. bbl. 1.63 - —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles gal. .11 - —
Fort Wells, Wash. gal. .12 - —
East Coast, N. J., N. Y., tanks, refinery gal. .11½- —
Group 3, benzol type, tanks, gal. .07¾- —
toluol type, tanks gal. .07¾- —
San Francisco gal. .11½- —
Willbridge, Ore. gal. .12 - —
Mineral spirits, California, San Francisco, 168-252 b.r., tanks. gal. 10¼- —
198-290 b.r., tanks gal. .10¼- —
246-397 b.r., tanks gal. .10½- —
312-408 b.r., tanks gal. .09 - —
362-458 b.r., tanks gal. .09 - —
East coast, N. J., N. Y., tanks, refinery gal. .10 - —
Group 3, tanks, refinery gal. .06¼- .06⅜
Gulf coast, tanks gal. .06½- —
tankwagons, Baltimore gal. .1210- —
Boston gal. .1430- —
Bridgeport, Conn. gal. .1240- —
Buffalo gal. .1240- —
Camden, N. J. gal. .11 - —
Chicago gal. .1150- —
Detroit gal. .1380- —
Hartford gal. .1430- —
Kansas City, Mo. gal. .1280- —
Lancaster, Pa. gal. .12 - —
Milwaukee gal. .1240- —
Minneapolis gal. .1220- —
Newark gal. .11 - —
New York gal. .11 - —
Philadelphia gal. .11 - —
Pittsburgh gal. .125 - —
Providence gal. .13 - —
Rochester gal. .1320- —
St. Louis gal. .1370- —
Syracuse gal. .14 - —
Washington, D. C. gal. .135 - —
Wilmington, Del. gal. .11 - —
Naphtha, cleaners, California, tanks, San Francisco gal. .12 - —
East coast, N. J., N. Y., tanks, refinery gal. .11 - —
Group 3, tanks, refinery, gal. .07¼- .07½
tankwagon, Newark gal. .12 - —
Bridgeport gal. .1730- —
Chicago gal. .1380- —
Detroit gal. .15 - —
Milwaukee gal. .1440- —
Minneapolis gal. .1420- —
New York gal. .12 - —
Philadelphia gal. .125 - —
St. Louis gal. .1470- —
high-solvency, No. 8, tanks, frt. alld. Kansas City E. gal. .225 - —
No. 30, tanks, same basis. gal. .220 - —
No. 40, tanks, same basis. gal. .220 - —
No. A-80, tanks, Carteret, N. J. gal. .21½- —
Chicago, Cincinnati, Detroit gal. .23 - —
No. B-90, tanks, all shipping points gal. .24½- —
No. F-80, tanks, Carteret, N. J. gal. .23 - —
V.M.&P. at refinery, California, 46.5 254 l.b.p., 380 e.p., tanks, El Segundo gal. .11 - —
Richmond gal. .11½- —
Willbridge, Ore., Ft. Wells, Wash. gal. .12 - —
54-77, 190 l.b.p., 310 e.p., Los Angeles gal. .10 - —
San Francisco gal. .10½- —
Portland, Seattle gal. .11 - —
Group 3, tanks lb. .07⅛- .07½
Gulf Coast (dlvd. New Orleans), tanks gal. .06½- —
tankwagon, Boston gal. .13 - —
Chicago gal. .1380- —
Detroit gal. .15 - —
Milwaukee gal. .1540- —
Minneapolis gal. .1520- —
Newark gal. .125 - —
New York gal. .12 - —
Philadelphia gal. .125 - —
Pittsburgh gal. .12½- —
St. Louis gal. 1470- —
Solvent, rubber, at refinery, California, San Francisco gal. .25½- —
East Coast, N. J., N. Y., tanks gal. .11 - —
Group 3, tanks gal. .07¼- .07½
Stoddard (CS 8-33), at refinery:—
California (San Francisco), tanks gal. .11 - —
East Coast, N. J., N. Y., tanks gal. .10 - —
Group 8, tanks gal. .06¾- —
Pennsylvania, western, tanks gal. .07¼- .07½
tankwagon, Baltimore gal. .13 - —
Boston gal. .12 - —
Chicago gal. .13½- —
Detroit gal. .1580- —
Milwaukee gal. .1440- —
Minneapolis gal. .1420- —
Newark gal. .11 - —
New York gal. .11 - —
Philadelphia gal. .11 - —
Pittsburgh gal. .12½- —
St. Louis gal. .1370- —
Syracuse gal. .14 - —
Toluol, tanks, dlvd. E. gal. .27 - —
Xylol, tanks, dlvd. E. gal. .26 - —
Sulphonates, 65% sulphonic content, ret. dms., c.l., works lb. .09¾- —
l.c.l., works lb. .09½- .10¼
tanks, works lb. .09¼- —

Petroleum, sulphonates, 50% sulphonic content, ret. dms., c.l., works	lb.	.09½- —
l.c.l., works	lb.	.09½- .10½
tanks, works	lb.	.09½- —
Phenobarbital, cns.	lb.	3.60 - 3.70
dms., 100 lbs.	lb.	3.50 - —
Phenol, 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald.	lb.	.10 - —
l.c.l., same basis	lb.	.10¾- —
tanks, same basis	lb.	.09 - —
Phenol, 82-84% (cresol, 16-18%), dms., c.l., same basis	lb.	.09¾- .10¼
l.c.l., same basis	lb.	.10½- —
tanks, same basis	lb.	.08¾- .09¼
USP, dms., c.l., same basis	lb.	.10½- —
l.c.l., same basis	lb.	.11½- —
tanks, same basis	lb.	.09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.85 - —
smaller lots	lb	.87 - .92
Yellow, fib. dms., 2,000 lbs.	lb.	.80 - —
smaller lots	lb.	.82 - .87
Phenothiazin, NF, fib. dms., 2,000 lbs.	lb.	.45 - —
smaller lots	lb.	.54 - —
Phenylacetaldehyde, solution, 50%, bots.	lb.	2.45 - 2.50
100%, bots.	lb.	4.00 - 5.00
Phenylethyl acetate, dms.	lb.	2.15 - 2.70
Phenylethyliphenyl acetate, bots.,	lb.	5.35 - 7.50
Phenylhydrazin, base, CP, bots.	lb.	4.55 - —
Hydrochloride, CP, bots., works.	lb.	7.10 - —
commercial, kgs., works	lb.	1.75 - —
Phloroglucinol, CP, fib. dms.	lb.	13.75 -14.75
tech., fib. dms.	lb.	12.00 -12.—
Phosgene, ton lots, works	lb.	.19 - —
Phosphate, defluorinated (see under D).		
Phophate rock,[1] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., bulk, car at mine, c.l.	long ton.	2.20 - —
70%-68%, same basis	long ton.	2.60 - —
72%-70%, b.p.l., same basis	long ton.	3.20 - —
75%-74%, b.p.l., same basis	long ton.	4.20 - —
77%-76%, b.p.l., same basis	long ton.	5.20 - —
entirely pebble, 50c. per ton higher than above prices.		
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum	short ton.	3.15 - —
68%, basis 31% P_2O_5 minimum	short ton.	3.35 - —
70%, basis 32% P_2O_5 minimum	short ton.	3.70 - —
Tenn., brown, unground, run-of-mine, 70-68% b.p.l., 5% i. & a., same basis	long ton.	5.30 - —
72%-70% b.p.l., 5½% i. & a., same basis	long ton.	5.80 - —
refinery, ground, 29% P_2O_5, same basis	long ton.	4.95 - —
30% P_2O_5, same basis	long ton.	5.15 - —
31%, P_2O_5, same basis	short ton.	5.25 - —
32%, P_2O_5, same basis	short ton.	5.50 - —
33%, P_2O_5, same basis	short ton.	6.00 - —
Phosphorus , red, amorphous, cs.	lb.	.40 - .44
tins, export	lb.	.55 - —
yellow, cns.	lb.	.23 - .25
dms., c.l.	lb.	.14½- —
Oxychloride, dms., c.l.	lb.	.10½- —
l.c.l., dms	lb.	.12½- .15
Pentoxide, dms., c.l., works.	lb.	.11 - .12
l.c.l., works	lb.	.13 - .14
Sesquisulphide, cs.	lb.	.38 - .42
Trichloride, dms., c.l.	lb.	.10½- —
l.c.l.	lb.	.12½- .15
Phthalamide, bbls., works	lb.	.35 - .40
kgs., works	lb.	.45 - .50
Phthalic anhydride, bgs., bbls., c.l., works, frt. alld. E. of Denver	lb.	.13 - —
l.c.l., same basis	lb.	.14 - —
Pichi leaves, bgs.	lb.	.07 - .08
Picoline (see Alphapicoline and Betapicoline).		
Picrotoxin, bots.	oz.	8.00 - —
Pilocarpine hydrochloride, USP, bots., vis.	oz.	3.75 - 5.10
Nitrate, bots., vis.	oz.	3.65 - 5.00
Pimento,[1] Jamaica, bgs.	lb.	.24 - .24½
Pinetar, retort, dms., incl., c.l., works.	gal.	.31 - —
l.c.l., works, dms. incl.	gal.	.32 - —
tanks, divd. E.	gal.	.27 - —
Pinkroot, bls.	lb.	1.10 - 1.15
Piperazine hexahydate, bots.	lb.	16.00 - —
Pitch, burgundy (see B).		
Coaltar, 100° m.p., bbls., c.l., works.	ton.	19.00 - —
l.c.l., works.	ton.	22.00 - —
Cottonseed, dms., works.	lb.	.04 - .06
Hardwood, paper bgs., works.	lb.	.03½- —
Linseed, dms.	lb.	.05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).		
Pine, dms.	100 lbs.	6.50 - —
stands, 200 lbs.	stand.	6.00 - —
Soybean, dms., works.	lb.	.04 - .06
Plaster of paris (see Gypsum).		
Podophyllin, dms.	lb.	8.75 - 9.00
Pokeroot, bls.	lb.	.19 - .20
Polystyrene, plain colors, dms., 30,000 lbs., works, frt. alld.	lb.	.32 - —
20,000 lbs., frt. alld.	lb.	.33 - —
smaller lots, frt. alld.	lb.	.34 - .36
Water-clear, polystyrene, 7c. per lb. less than plain colors.		
Pomegranate, root bark, bgs.	lb.	.75 - .76
Poppy flowers, bls.	lb.	.60 - .70
Seed, Argentine, bgs.	lb.	.35 - .35½
Danish, bgs.	lb.	.37½- .38
Dutch	lb.	.39 - .39½
Indian, white, bgs.	lb.	No stocks
Swedish, bgs.	lb.	.37 - .37½
Turkish, bgs.	lb.	.32½- .33
Potash abietate.	lb.	.08 - —
Acetate, USP, dms.	lb.	.28 - —
Arsenite, USP, solut., cbys., djns.	lb.	.13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms.	lb.	.10 - .21
Bichromate,[1] bgs., c.l. works.	lb.	.10 - —
l.c.l., works	lb.	.10¼- .10¾
Potash bichromate in bbls. ¼c. higher.		
Borate, gran., bbls., N. Y. or Chi.	lb.	.1015- —
Bromide, USP, gran., 500-lb. bbls., dms.	lb.	.25 - —
100-lb. kgs.	lb.	.26 - —
Carbonate, calcined, bbls., c.l., works.	lb.	.06½- —
l.c.l., same basis	lb.	.06¾- —
hydrated, 83-85%, bbls., c.l., works.	lb.	.05½- —
dms., l.c.l., same basis	lb.	.05¾- —
USP, gran., bbls., dms.	lb.	.14 - .20
powd., bbls., dms.	lb.	.19 - .21
Caustic, low-chloride, 90% basic, flake, dms., c.l., works.	100 lbs.	9.31 - —
l.c.l., works	100 lbs.	9.68½- —
Potash caustic, liquid, dms., c.l., works.	100 lbs.	8.56 - —
l.c.l., works	100 lbs.	8.68½- —
tanks, works	100 lbs.	8.06 - —
solid	100 lbs.	8.56 - —
l.c.l., works	100 lbs.	8.93½- —
regular, flake, 88-92%, dms., c.l., works.	lb.	.07 - —
l.c.l., works	lb.	.07¼- .07½
liquid, 45% basis, dms., c.l., works, frt. alld.	lb.	.03½- —
l.c.l., same basis	lb.	.03¾- .03½
tanks, same basis	lb.	.02¾- —
solid, 88-92%, dms., c.l., works.	lb.	.06¼- —
l.c.l.	lb.	.06½- .06¾
Chromate, bgs.	lb.	.24 - .28
Chlorate,[1] cryst., kgs., c.l., works.	lb.	.11 - .11¾
l.c.l., works	lb.	.119 - .13
powd., dms., kgs., c.l., works.	lb.	.09¾- —
l.c.l., works	lb.	.119 - .13
export, 1 to 10 tons, kgs., ex whse.	lb.	.16 - .18
Chloride, tech., cryst., 98%, bgs., kgs.	lb.	.08 Nom.
Citrate, USP, gran., bbls., dms.	lb.	.33½- .33½
powd., 3c. per lb. higher.		
Cyanide, dms., works	lb.	.55 - —
Fluoride, bbls.	lb.	.34 - .40
Glycerophosphate, 75% solution, cns., cbys.	lb.	1.65 - 1.67
dms., 1,000-lb. lots	lb.	1.50 - —
100-lb. lots	lb.	1.60 - —
Guaiacolsulphonate, NF, dms.	lb.	1.65 - 1.85
Hydroxide, USP, sticks, dms.	lb.	.34 - .36
Hypophosphite, cns.	lb.	.72 - .75
Iodate, bots., 5 lbs.	lb.	3.46 - —
cns., 25 lbs.	lb.	3.35 - —
Iodide, bots., cns.	lb.	1.44 - 1.48
dms.	lb.	1.35 - 1.38
Manure salt, 22%, K_2O, Carlsbad, N. M.	unit-ton.	.20 - —
25% K_2O, same basis	unit-ton.	.21 - —
Potash metabisulphite, gran., bbls.	lb.	.19 - .21
powd., bbls.	lb.	.25 - —
Muriate, dom., 60-62-63% K_2O, bulk, ex-vessel, ports.	unit-ton.	.53½- —
granular, 50-52% K_2O	unit-ton.	.53½- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific coast ports.		
Nitrate (see Saltpeter).		
Oxalate, neutral pure, gran., bbls., dms.	lb.	.37 - .50
tech. fine gran., bbls., dms.	lb.	.28 - .31
Perchlorate, kgs., works	lb.	.09¾- .11
Permanganate, tech., dms., works.	lb.	.19¾- .20¾
USP, dms., works.	lb.	.20½- .21
Persulphate, dms., c.l., works,	lb.	.16 - —
l.c.l., same basis	lb.	.20 - —
Prussiate, red, kgs.	lb.	.50 - .53
Yellow, bbls.	lb.	.16 - .17
Ricinoleate, tech., bbls.	lb.	.18 - —
Silicate, glass, bgs., c.l., works.	ton.	200.00 - —
l.c.l.	100 lbs.	15.25 - —
solution, 29° Be, ret. drums, c.l., works.	100 lbs.	4.25 - —
l.c.l., 5 or more, works.	100 lbs.	5.00 - —
1-4, works	100 lbs.	5.50 - —
32° Be, ret. dms., c.l., works.	100 lbs.	4.75 - —
l.c.l., 5 or more, works.	100 lbs.	5.50 - —
1-4, works	100 lbs.	6.00 - —
40.5° Be, ret. dms., c.l., works.	100 lbs.	5.75 - —
l.c.l., 5 or more, works.	100 lbs.	6.50 - —
1-4, works	100 lbs.	7.00 - —
Potash sulphate, NF, gran.	lb.	.14 - .20
powd., bbls.	lb.	.15 - .21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min. 48% vessel Atlantic or Gulf ports.	ton.	36.25 - —
Sulphocyanide, NF, dms.	lb.	.70 - .75
Thiocyanate, bbls.	lb.	.62 - .65
kgs.	lb.	.70 - .75
Xanthate, dms., c.l.	lb.	.12 - —
Potash-gold cyanide, 41% gold, bots., works.	oz.	14.20 -14.95
Potash-magnesia sulphate,[6] bulk, min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports.	ton.	26.00 - —
Potash-soda ferricyanide, kgs., works.	lb.	.40 - .45
Potash-titanium oxalate, bbls., dms.	lb.	.45 - .50
Prickly ash bark, bls.	lb.	.40 - .45
Berries, bgs.	lb.	.20 - .22
Prince's pine herb, bls.	lb.	.60 - .65
Procaine hydrochloride, cns., 100-lb. lots.	lb.	4.00 - —
smaller lots.	lb.	4.25 - 4.75
Propane,[1] industrial grade, tanks, Group 3.	gal.	.03¾- —
Propyleneglycol, dms., c.l., frt. alld. in E.	lb.	.15½- —
l.c.l., same basis	lb.	.16½- —
tanks, same basis	lb.	.14½- —
Psyllium seed (see Pleaseed).		
Pulsatilla, bls.	lb.	.60 - .65
Pumice,[1] grd., fine, bgs., ton lots.	lb.	.03½- —
smaller lots.	lb.	.03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots.	lb.	.03¾- —
smaller lots.	lb.	.03¾- .04¼
Chi., ton lots.	lb.	.04½- —
Pumice in bbls. is ½c. per lb. higher.		
Pumpkin seed, bgs.	lb.	27 - .28
Purple lake (see Red).		
Putty, com'l, dms.	100 lbs.	3.15 - —
linseed oil, raw, dms.	100 lbs.	5.00 - —
refined, dms.	100 lbs.	5.50 - —
standard, dms.	100 lbs.	4.20 - —

WAR YEARS HAVE BEEN
PRODUCTIVE
IN THE RESEARCH FIELD

n-HEXYL SALICYLATE Is of value in Fougere type odors. It has exceptional floralcy.

ALPHA METHYL CINNAMIC ALDEHYDE Used in Jasmin odors, where a floral note is desired.

CHERIOL For use in both flavors and perfumes. It is interesting in wild cherry flavors. It has a woody after-note which makes it attractive in perfumes of many types.

DIASMOL Is used in Jasmin odors and floral odors generally. It has a green, leafy note which is found in natural Jasmin.

RESEDALIA A chemical which is present in many well known perfumes. It gives a very interesting and unusual note.

CYCLAMAL ACETAL An interesting development of this well known product. Fainter in aroma than Cyclamal, it is extraordinarily stable.

ALDEHYDE 3-A Has a leafy floral note.

KETONE 12-A Is of value in all types of Violet bouquets, wherever Ionones are used and a special Ionone note is desired.

GLYCIDOL Is valuable in Walnut and Butter flavors.

LILANAL Has a leafy rose note and is an excellent Lily of the Valley base. It is soft and fine.

ROSANOL A rose leaf note, reminding of Bromstyrol, but very much finer.

2-ETHYL HEXYL SALICYLATE

CYCLOKETAL Is of value in Russian Leather type perfumes.

b-ETHOXY SALICYLATE

b-ETHOXY ETHYL SALICYLATE

FOLIANOL

n-OCTYL SALICYLATE

n-BUTYL SALICYLATE

AMBRIOL A very stable and lasting product, with an Amber note. It is of value particularly in cream odors and is also a fine underlying odor for many types of soap perfumes.

GERANIUM BODY Enhances the odor of Oil of Rose Geranium. It is exceptionally valuable in soap perfumery. Its value is not apparent until actually tried and age tests are made of the finished product, when it shows to great advantage.

b-METHOXY ETHYL SALICYLATE

ETHYL HEXYL SALICYLATE

FIXATONE Is a high boiling point fixative for soap perfume.

LILANTHAL Is of value in all types of Lilac perfume.

JASMINOL Similar to Alpha Amyl Cinnamic Aldehyde, but very stable. Of much finer odor.

CUIRUSAL Is an interesting odor for the development of new type perfumes.

SALIXOL A light, pleasing Cinnamic Willow Bark note. It is of interest both in flavors and perfumes.

CUMINONE An odor note similar to Cuminic Aldehyde, but much softer and finer.

ACASOL Of value both in perfumes and flavors.

MUGINOL For Lily of the Valley type perfumes.

FLORAFAL Of a floral leafy character.

Information in regard to these, together with samples, will be furnished on request on your firm's letterhead. A preview of what is coming in the aromatics field is yours for the asking.

ESTABLISHED 1910 GD CO AROMATICS DIVISION

Aromatics Division

GENERAL DRUG COMPANY

125 Barclay St., New York 7, N. Y.

9 S. CLINTON ST., CHICAGO 6 1019 ELLIOTT ST., W. WINDSOR, ONT.

Pyrethrum,[1] concentrate, dewaxed, 20% for aerosol bombs, dms., works..lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins for 100 cc., dms., regular base, works..gal. 7.15 - —
odorless base, dms., works. gal. 7.25 - —
(50 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 10.65 - —
Flowers, fine-grd., 0.9% pyrethrins, bbls., works..lb. .83½- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin, denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2°, ret. dms., same basis. lb. .45 - .45½
Pyrites, Spanish, c.i.f. Atl. ports. lon ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton. 10.00 -11.50
325 mesh, same basis....ton. 13.00 -13.90
No. 3, 200 mesh, c.l., mines.ton. 9.50 - —
325 mesh, same basis.....ton. 11.50 - —
Pyrophyllite in paper bgs., $1.50 per ton extra.
Pyroxylin, scrap, opaque, amber, cs., works..lb. .17 - —
black, cs., works.....lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., wks.lb. .14 - —
white, China, ivory, cs., works..lb. .17 - —
dense, cs., works.....lb. .17 - —
translucent, pastels, cs., works..lb. .17 - —
transparent, cs., works....lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works.. lb. .17 - —
mixed colors, cs., works..lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[1] solid, 63% tannin, bgs., c.l., ex dock, in bond..lb. .05¾- .05¾
clarified, 64% tannin, bgs., c.l., same basis..lb. .06¼- .06¾
dissolved, 35% tannin, bbls., works..lb. .04575- .0595
tanks, works.....lb. .04075- —
ground, 70% tannin, bgs., c.l. lb. .089 - —
l.c.l. .....lb. .0915- —
Queen of the meadow root, bgs. lb. .11 - 12
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. 18½- —
Quicksilver, flasks (76 lbs. net).. flask. 108.00 -109.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. No stocks
powd., precip., cns.....oz. No stocks
Sulphate, USP, cns.....oz. No stocks
Quinine,[6] NF, cns., 100 ozs...oz. No stocks
Acetate, cns., 100 ozs.....oz. No stocks
Arsenate, cns., 100 ozs.....oz. No stocks
Asenite, cns., 100 ozs.....oz. No stocks
Bisulphate, USP, cns., 100 ozs. oz. No stocks
Dihydrobromide, bots., 50 ozs.. oz. No stocks
Citrate, cns., 100 ozs.....oz. No stocks
Ethylcarbonate, USP, cns., 100 ozs..oz No stocks
Ferrocyanide, cns., 100 ozs.oz No stocks
Formate, cns., 100 ozs.....oz. No stocks
Glycerophosphate, cns., 100 ozs. oz. No stocks
Hydrochloride, USP, cns., 100 ozs..oz. .89½- —
Hydrochlorosulphate, cns., 100 ozs..oz. No stocks
Hydroiodide, cns., 100 ozs..oz. No stocks
Hypophosphite, cns., 100 ozs.oz. No stocks
Phosphate, NF, cns., 100 ozs.oz. No stocks
Salicylate, NF, cns., 100 ozs.oz. No stocks
Sulphate, USP, cns., 100 ozs.oz. 80½- —
Sulphocarbolate, cns., 100 ozs.. oz. No stocks
Tannate, USP X, cns., 100 ozs. oz. No stocks
Tartrate, cns., 100 ozs.....oz. No stocks
Valerate, NF IV, 100 ozs..oz. No stocks
Quinine-urea hydrochloride,[6] USP. cns..oz. No stocks
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.75 - 1.80
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis...lb. 1.10 - 1.90

Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.) (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd, Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —

Red cadmium lithopone, all shades, in smaller pgks., 5c. per lb. higher.

Orange (see Orange).
Selenide, dark, bbls., works. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Carmine, No. 40, dms., 100-lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
90-85%, bbls., same basis.lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85%, copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .085 - .094
Lacquer, maroon, bbls., wks. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Red, lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake 25% kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —

Maroon, in smaller pkgs., 5c. per lb. higher.

Mercury oxide, tech., bbls., 10,000 lbs., works..lb. 2.60 - —
smaller lots, works..lb. 2.62 - —
Metallic, bbls., works.....lb. .02 - —
Oxide (see Red, iron oxide).
Para toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine, Y, kgs., works..lb. 4.15 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., wks....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.50 - 2.65
Red precipitate, NF, powd., fib. dms..lb. 2.77 - 2.70
Red saunders wood grd., bbls.lb. .35 - —
Resorcinol, tech., dms., works.lb. .64 - .74
USP cryst., dms. frt. alld..lb. 1.60 - —
Rhatany root, bgs.....lb. .15 - .16
Rhubarb, whole, cs.....lb. .70 - .71
powd., bbls.....lb. .80 - .81
Riboflavin, bots.....kilo. 200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, gran. powd., bbls., 5,000 lbs., 1 ship't..lb. .38½- —
smaller lots.....lb. .39 - .42
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.65
Leaves, Portuguese, bls.....lb. .08½- .09
Spanish, bls.....lb. .13 - .13½
Rosin, gum,[1]—
B, dms., c.l.....100 lbs. 6.68 - —
D, dms., c.l.....100 lbs. 6.75 - —
E, dms., c.l.....100 lbs. 7.28 - —
F, dms., c.l.....100 lbs. 7.38 - —
G, dms., c.l.....100 lbs. 7.42 - —
H, dms., c.l.....100 lbs. 7.44 - —
I, dms., c.l.....100 lbs. 7.44 - —
K, dms., c.l.....100 lbs. 7.48 - —
M, dms., c.l.....100 lbs. 7.50 - —
N, dms., c.l.....100 lbs. 7.66 - —
W.G., dms., c.l.....100 lbs. 7.91 - —
W.W., dms., c.l.....100 lbs. 8.18 - —
X, dms., c.l.....100 lbs. 8.18 - —
Rosin, wood,[1] B (resin), dms., c.l., works..100 lbs. 3.00 - —
FF, dms., c.l., works.100 lbs. 4.50 - —
G, H, I, dms., c.l., works.. 100 lbs. 4.95 - —
K, dms., c.l., works..100 lbs. 5.00 - —
M, dms., c.l., works..100 lbs. 5.05 - —
N, dms., c.l., works..100 lbs. 5.15 - —
WG, dms., c.l., works.100 lbs. 5.25 - —
WW, X, dms., c.l., works.. 100 lbs. 5.40 - —
Rotenone,[1] bbls., works.....lb. 10.90 -13.50
extract, liq., dms., works.... per unit. 1.05 - —
powder (see Cube root).
Rottenstone,[1] bgs., c.l., mines.. ton. 25.50 - —
l.c.l., mines.....ton. 37.50 - —
Rue, bls.....lb. .45 - .50

S

Sabadilla seed, powd., bbls....lb. .45 - .48
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.60 - 1.65
Persian, tins.....lb. 48.00 - —
Spanish, NF, tins.....lb. 42.00 Nom.
Safrol, cns.....lb. .90 - .92
Sage, Calif., leucophylla, bgs., Pacific coast..lb. .30 - .31
Dalmatian-type, No. 1, bgs., Pacific coast..lb. .85 - .87
Cyprus, good, bls.....lb. .24 - .24½
fair, bls., futures.....lb. 18½- .19
Greek, bls.....lb. .29 - .29½
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .15 - .15½
Washington, Dalmatian - type, bls..lb. .41 - .43
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb. 15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
Powdered salol, 10c. higher.
Salt, rock, bgs., c.l.....ton. 14.20 - —
l.c.l., bgs.....ton. 17.20 -18.00
vacuum, common, fine, bgs., c.l..ton. 15.70 - —
l.c.l. .....ton. 19.00 -23.20
Saltcake, dom., bulk, works..ton. 15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., powd., cns.kilo. 170.00-185.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, dom., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .47
Mexican, bls.....lb. .32 - .33
Sassafras bark, ord., bls.....lb. .45 - .50
select, bls.....lb. .65 - .75
Savory, Calif., bls.....lb. .75 - .76
Spanish, bls.....lb. .22 - .22½
Saw palmetto berries, bgs....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .09 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .30¾- —
smaller lots.....lb. .31¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .31¼- —
smaller lots.....lb. .31¾- —
Selenium, pwd., cns., 10 lb. lots.. lb. 1.85 - —
cs., 1,000 lb. lots.....lb. 1.75 - —
Senega root, bls.....lb. 2.50 - 2.60
Senna, Alex., half-leaf, bls....lb. .19 - .22
siftings, bgs.....lb. .18 - .19
Tinnevelly, No. 1, bls.....lb. .18 - .19
2, bls.....lb. .16 - .17
3, bls.....lb. .15 - .16
powd., bbls., bgs.....lb. .15 - .17
Senna, pods, bls.....lb. .09 - .10
Pods, bls.....lb. .13 - .14
Shellac,[1] bleached, bonedry, bbls., 1,000-lb. lots..lb. .42¾- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bulk, 1,500-lb. lot. lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —

Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices: (1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3) kgs., 3c. more.

D. C., V.S.O., Diamond I, 100 bgs..lb. .4660- —
Garnet, 100 bgs.....lb. .3890- —
Superfine, 100 bgs., Boston, N. Y..lb. .3860- —
Chicago .....lb. .3710- —
Pacific coast.....lb. .3960- —
TN, 100 bgs., Boston, N. Y.lb. .3550- —
Chicago .....lb. .3600- —
Pacific coast.....lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales 1 bg or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works.. ton. 17.00 - —
l.c.l., works.....ton. 20.00 - —
400 mesh, bgs., c.l., works.. ton. 18.00 - —
l.c.l., works.....ton. 19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., works..ton. 18.00 - —
l.c.l., same basis....ton. 21.00 - —
400 mesh, bgs., c.l., works. ton. 30.60 - —
l.c.l., works.....ton. 35.00 -38.00
90%-98%, 325 mesh, bgs., c.l., wks..ton. 20.00 - —
l.c.l., works.....ton. 21.50 -23.00
99%, 325 mesh, bgs., c.l., works..ton. 20.00 - —
l.c.l., works.....ton. 22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., works.....ton. 15.50 - —
l.c.l., works.....ton. 18.50 - —
140 mesh, bgs., c.l., works, ton. 11.00 - —
l.c.l., works.....ton. 16.00 - —
Silicon tetrachloride, tech., dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- .27
Silver bullion.....oz. .71111- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, cns., 100 ozs., bots., 2,500-oz. lots..oz. .47 - —
1,000-oz. lots.....oz. .47¾- —
smaller lots.....oz. .47½- .47¾
Neucleinate, USP, bots., dms.. oz. .308 - .358
Proteinate, USP, bots., dms.oz. .288 - .338
Simarubra bark, bls.....lb. .55 - .60
Skullcap, Eastern, bls.....lb. .60 - .65
Skunk cabbage root, bls.....lb. .25 - .30
Slate flour, bgs., c.l., works.ton. 11.00 -12.00
l.c.l., works.....ton. 12.00 -13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, ctns.....lb. .05 - .06
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .29 - .30
crushed, bls., bbls.....lb. .34 - .35
cut, dom., bls., bbls.....lb. .34 - .35
imp., bbls.....lb. No stocks
powd., bbls.....lb. .32 - .33
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
NF, cryst., bbls., kgs.....lb. .14 - .16
tech., 60%, l.c.l., dlvd.....lb. .05½- .06
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.60
Aluminate, for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works.. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .16 - .16½
Arsenate, dms., dealers, c.l., works..lb. .09½- —
l.c.l., works.....lb. .10¾- .11¼
gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10

Soda arsenite, gray, ¾c. higher in Chl.; 2c. higher in Houston, Tex., and Palo Alto, Calif.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., wrks, Zone 1.. 100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l.. 100 lbs. 1.18 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works.. 100 lbs. 1.05 - 1.18
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.86 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31° Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93° Gta.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La. and Miss. No. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Soda benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more.lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[1] bgs., c.l., works, lb. .07¾- —
l.c.l., works.....lb. .07¾- .08¼
Soda bichromate, in bbls., ¼c. higher.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.60 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.53 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. 25 - —
fiber dms., 100 lbs., works, lb. .36 - —
Cacodylate, bots., dms.....lb. 8.50 -10.50
Carbonate (see Soda ash, Soda monohydrate Soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd..100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 3.95
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd..100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
4, dlvd.....100 lbs. 3.95 - —
Caustic soda zones are same as soda ash.
Chlorate cryst., bgs., c.l., works..lb. .06¼ - —
l.c.l., works.....lb. .06½ - —
powd., kgs., c.l., works....lb. .06½ - —
l.c.l., works.....lb. .07 - .08¼
Chloride (see Salt).
Chromate,[1] bbls., cks., c.l., works, frt. equald..lb. .09½ - —
l.c.l., works, frt. equal..lb. .09½ - .09¾
Soda chromate in bgs. is ½c. less.
Citrate, USP VIII, bbls.....lb. .18½ - —
dms. .....lb. .19½ - .22½
USP XII, gran., bbls.....lb. .24 - —
dms. .....lb. .25 - .29
powd., bbls.....lb. .24½ - —
dms. .....lb. .25½ - .29½
Cyanide, 96-98%, dms.....lb. .14½ - .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09¼ - .10½
anhydrous, dms., dlvd.....lb. .12½ - —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼ - —
l.c.l., works.....lb. .08¼ - —

Soda fluoride prices at Los Angeles are f.a.s. works.

Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, crys., bbls..100 lbs. 1.25 - —
dms. .....100 lbs. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .18 - —
Hydroxide, USP, sticks, dms.lb. .24 - .25
tech. (see Soda caustic).
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, crys., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea, cryst., bgs., c.l., works., 100 lbs. 2.60 - —
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, dms., 50c. higher.
USP, cryst., bbls.....lb. .10 - .12
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaborate, gran., bbls., c.l., dlvd..lb. .0485- —
l.c.l., N. Y., or Chl....lb. .051 - —
bgs., c.l., dlvd.....lb. .0435- —
l.c.l., N. Y., or Chl....lb. .046 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald..... 100 4bs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..100 lbs. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Molybdate[1], anhyd., kgs., works, lb. .47 - —
Monohydrate, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, dms., 100-lb. bgs., c.l., works..ton. 30.05 - —
bulk, c.l., works.....ton. 27.00 - —
refd, gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac. whse..ton. 33.00 - —
200-lb. bgs., same basis. ton. 32.40 - —
bulk, same basis.....ton. 30.00 - —
Nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .06¾- —
west coast ports..100 lbs. 8.00 - 8.05
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald. 100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.80
flake, dms., c.l., works.100 lbs. 3.10 - —
l.c.l., dlvd.....100 lbs. 4.80 - 4.55
Oxalate, neut., bgs., works..lb. .10 - —
Pantothonate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquete, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald..lb. .19 - —
Perborate, NF, bbls., c.l., wks. lb. .14¾- —
l.c.l., works.....lb. .15½- —

Soda peroxide, dms., c.l., divd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate, dibasic, tech., anhyd., bgs., c.l., works, 100 lbs. 6.00 - 6.26
l.c.l., works....100 lbs. 6.40 - 6.75
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45
USP XII, dried, bbls., dms., works..lb. .159 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 7.65 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald..... 100 lbs. 6.00 - 6.05
l.c.l., same basis.100 lbs. 6.50 - 7.00
cryst., bgs., c.l., works... 100 lbs. 2.70 - —
l.c.l., same basis...100 lbs. 3.10 - —
kgs., c.l., works...100 lbs. 3.40 - —
l.c.l., works....100 lbs. 3.80 - —

Soda phosphate m bbls. 20c. higher.
USP (see Sodium phosphate, dibasic).

Prussiate, yellow, bgs.....lb. .10¾- —
bbls. .....lb. .11 - —
Pyrophosphate, ferric, dms., 10,000 lbs., works..lb. .22 - —
smaller lots, works.....lb. .23½- —
tetra-basic, anhydrous, bgs., c.l., works, frt. equald.. 100 lbs. 5.25 - —
l.c.l., same basis.100 lbs. 5.40 - 5.75
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .54
Sesquicarbonate, bgs., c.l., wks. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, divd....100 lbs. 2.70 - —
2, divd.....100 lbs. 2.85 - —
3, divd.....100 lbs. 3.10 - —
4, divd.....100 lbs. 3.50 - —

Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.

Sesquisilicate, dms., c.l., works. 100 lbs. 3.05 - —
l.c.l., divd.....100 lbs. 4.05 - 4.30
Silicate, 40°, turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.13.00 - —
52°, turbid, dms., c.l., works. 100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works. lb. .06½- .07
l.c.l., works.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07¼
tech., anhyd., bgs., c.l., wks. 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - 2.20
cryst. (see Glauber's salt).
USP, cryst., gran., bbls....lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., divd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works..100 lbs. 3.15 - —
l.c.l., divd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works..100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l., works.... 100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 88%, dms., c.l., works, 100% basis. lb. .06 - —
l.c.l., works.....lb. .08 - —
88%, tanks, 100% basis, works..lb. .08¾- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Soda sulphoricinoleate, bbls....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[1,6] tech., kgs.....lb. 1.35 - 1.50
Soda-cinchophen, bots., dms...lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 125-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, dms..lb.10.50 -10.60
Soda-sulphamerazin, dms.....lb.10.50 -10.60
Soda-sulphapyridine, powd., bots., dms..lb. 5.00 - 5.30
Soda-sulphathiazole, USP, dms., lb. 2.50 - 2.80
Solvent naphtha, dms., wks..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Minnequa, Colo.....gal. .26 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
wire enamel, ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis....gal. .30 - —
tanks, works.....gal. .22 - —
Soybean meal,[1,7] 41%, bulk, c.l., Decatur..ton.45.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20½- —
smaller lots, works.....lb. .20½- .24
Sorbitol, com'l, dms., c.l., works, lb. .16¾- —
l.c.l., works.....lb. .17¾- —
Sparteine sulphate, bots., cns..oz. 2.25 - 2.95
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .48 - .49
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 1.60 - —
White, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .18 - .20
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .10¾- .11¼
Starch, corn, pearl, bgs..100 lbs. 4.06 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia, root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .09
Storax, cs.....lb. 1.10 - 1.15
Stramonium leaves, bgs.....lb. .21 - .22
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
mesh 90%, bbls., works..ton.58.00 - —
Chromate, bbls., kgs., Phila.lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —

Strontium lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.58.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.40 - 2.45
Strychnine, NF, powd., cns., 100 ozs..oz. 1.25 - —
Sulphate, USP, powd., cns., 100 ozs..oz. 1.00 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazine, USP, dms.....lb. 9.00 - 9.10
Sulphaguanidin, dms.....lb. 4.50 - 4.60
Sulphamerazin, dms.....lb. 9.00 - 9.10
Sulphanilamide, USP, bots....lb. 1.50 - —
fib, dms.....lb. 1.05 - 1.25
Sulphanilamide, 30-60 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins. lb. 5.00 - 5.30
Sulphathiozole, dms.....lb. 2.50 - 2.80
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40

Sulphur, refined, heavy, bgs., c.l., works..100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l., wks. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
Refined sulphur flowers in bbls., 35c. higher.
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works.100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
rubbermakers', bgs., c.l., wks. 100 lbs. 1.85 - —
Chloride, 35-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - —
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .31
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .06 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points, Balto..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84

Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $6.63 per ton; guaranteed 18, 19 or 20% a.p.a., ½c. per unit-ton higher.

Superphosphate, triple, 40% or more, a.p.a., bulk, producing points, Florida, unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls.....lb. 1.00 - 1.25

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Talc,[1] dom., ordinary, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., wks.ton.17.50 -43.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works. ton.14.00 - —
l.c.l., works.....ton.15.00 - —
Talc, fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 98-94%, bgs., c.l., works. ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
Imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 50% (42% fat), dms., c.l..lb. .07 - .07½
(70% fat), dms., c.l.....lb. .10 - .10½
Tallow, sulphonated, l.c.l., ½c. higher.

ADVENTURES IN THE "MARGIN OF EXPERIENCE"
Paper Making—
A BUSINESS THAT BUILDS BUSINESS
Old in years but young in spirit, the paper industry is an outstanding example of what practical and courageous pioneering can do to build business not only for itself but for other industries as well.
New and improved papers are revolutionizing the packaging of hundreds of products ...improving printing processes...making possible more durable wrappings, tags, maps, blueprints, wall coverings. Everywhere paper is being used in new ways.
Serving the paper industry for more than three decades, Niagara has helped to provide that "Margin of Experience" in which such progress is made.
A pioneering organization itself, Niagara has that "Margin of Experience" that means improved service in electro-chemical products.
Niagara ALKALI COMPANY
60 EAST 42ND STREET, NEW YORK 17, N. Y.
Caustic Potash • Caustic Soda • Paradichlorobenzene
Carbonate of Potash • Liquid Chlorine • Nicithal

Tamarind, bbls.....lb. .13 - .14
Tankage,[1,7] animal, feed grd., 9-11% ammon., bulk, unit-ton. 5.55 - —
Chicago .....unit-ton. 5.55 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,6] bgs.....lb. .07 - .07½
Java, bgs.....lb. No stocks
Tar acid oil, 15-19%, dms., c.l., works..gal. .26½- —
l.c.l., works.....gal. .28½ —
25%, dms., c.l., works..gal. .30 - —
l.c.l., works.....gal. .32 - —
Tar, pine (see Pinetar).
Tara,[1] powd., c.l., ex dock, U. S. ports..long ton. 112.00 -115.00
Tarragon herb, bgs.....lb. .60 - .65
Leaves, bgs.....lb. 1.20 - 1.25
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47½- .49
dms.....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .53½- .56
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South ....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .34 - .50
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, dms., works, lb. .08 - 08½
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene)
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate)
Thallium sulphate, 90%, bots., works lb. 12.50 Nom.
Theobromine,[1] dms., 25-lb. lots.. lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, dms., 100 grams or more..kilo. 160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works .lb 2.60 - —
Thyme, California, French type, bls., Pacific Coast..lb. .90 - .92
Spanish, bls.....lb. .14 - .14½
Thymol, cns .....lb 2.40 - 2.75
Iodide, dms.....lb 3.40 - 3.80
Timbo root (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
crystals,[6] bgs., bbls.....lb. No stocks
Metal,[1,6] .....lb. .52 - —
Bolivian .....lb. .63½- —
Straits .....lb. No stocks
Oxide,[1,6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,4] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.....lb. .15½- .15¾
nonchalking,[1,4] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., dlvd.....lb. .16¾- .17¼
plain, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .14¾- .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium, base,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Calcium-rutile base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Magnesium base,[1,4] dlvd...lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast, c.l., dlvd., l.c.l., ex whse., ¼c. higher.
Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. 2.20 - 2.25
Toluidin base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol (toluene), coaltar, 3°, indust., dms., return, wks. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
1°, nitration, ret. dms., works. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Petroleum toluol prices, same as those for coaltar toluol.
Tonga, 50% bark and vine, bbls. lb. .90 - .91
Tonka beans, Angostura, cks.lb. 1.50 - 1.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100-ozs. tots..oz. .52 - —
Triacetin, dms., works.....lb. .27 - .32
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, dms.....lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, cns., l.c.l., dlvd..lb. .53 - .55
dms., l.c.l., dlvd.....lb. .49 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l., works.....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07½- —
Trichloroethane, dms., c.l., works. lb. .15 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene, dms., c.l., Zone 1, works, frt. alld..lb. .08 - —
Zone 2, frt. alld.....lb. .08½- —
Zone 3, frt. alld.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l., prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate, tech., cns., works..lb. .28 - .33½
dms., c.l., dlvd.....lb. .25 - —
l.c.l., dlvd.....lb. .25½- —
tanks, dlvd.....lb. .24 - —

Triethanolamine, dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., c.l., works, basis 100%..lb. .34 - —
l.c.l., works, basis 100%....lb. .36 - —
tanks, works, basis 100%....lb. .30 - —
Triethyleneglycol, dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .33 - —
l.c.l., dlvd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate, bbls., c.l., frt. alld..lb. .31 - —
l.c.l., same basis.....lb. .32 - —
Tripoli,[1] air-floated, bgs., c.l., works..ton. 21.50 - —
double-grd., bgs., c.l., works.. ton. 17.50 - —
once-grd., bgs., c.l., works. ton. 16.00 - —
Trisodium phosphate (see Soda phosphate tribasic).
Tuba root (see Cube root).
Tungsten metal, powd., 99-99.7%, dms., works..lb. 2.60 - 3.40
Oxide, kgs.....lb. No prices
Turmeric root, Alleppey, bls., futures..lb. .18 - .18½
Haitian, bls., Miami or New Orleans..lb. .10 Nom.
Madras, bgs.....lb. .17¼- .17¾
Turpentine, gum, ret. dms., c.l. gal. .93½- —
l.c.l. .....gal. .94½- —
tanks, Savannah.....gal. .83½- —
Wood,[1] d.d., dms., East....gal. .65 - .70
tanks, East.....gal. .60 - —
steam-dist., ret. dms., East, gal. .80 - .88
tanks, East.....gal. .74 - .75
Sulphate, ret. dms.....gal. .65 - .76

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium,[6] oxide, black, bgs...lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton. 59.00 - —
fixed ammonia content, Belle, W. Va., freight equalized with Hopewell, Va., NH_3..ton. 112.80 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton. 68.00 - —
l.c.l., ship. pts.....ton. 70.50 -85.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works, or Atlantic or Gulf ports..ton. 57.40 - —
fixed ammonia content, usual Atlantic and Gulf ports, NH_3..ton. 116.80 - —
C and D prices for Urea-ammonia liquor are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.
Urunday, c.l., ex dock, in bond. lb. .05 - —
Uva ursi leaves, bls.....lb. .16 - .17

V

Valerian root, Belgian, NF, bls. lb. No stocks
Indian, bls.....lb. .65 - .70
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium[1] pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins.....lb. 10.50 -11.00
Tahiti, white label, tins.....lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] ex eugenol, tins, 25 lbs. or more..lb. 2.60 - —
smaller lots, tins.....lb. 2.65 - 2.75
ex guaiacol, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
ex lignin, tins, 25 lbs or more. lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate, cbys., works....lb. .25 - —
dms., c.l., works.....lb. .16 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works, lb. .25 - —
Vinyl ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
25 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), bots., mil., units. .10 - .12
in corn oil (see Calciferol).
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
D_2 (see Calciferol).
E (see Alphatocopherol).
G (see Riboflavin).
P-F (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 Nom.
Wattle bark,[1,5] E. Africa, bgs., f.a.s..ton. 58.00 - —
S. Africa, merchantable, bgs., f.a.s..ton. 53.00 - —
fair average, bgs., f.a.s..ton. 55.50 - —
prime quality, bgs., f.a.s.. ton. 58.00 - —
extract,[1] liquid, 33% tannin, bbls., works..lb. .05¼- .06¼
tanks, works.....lb. .04¾- .05¼
solid, E. Afr., 62% tannin, ex dock..lb. .05395- .05845
S. Afr., 61% tannin, ex dock. lb. .0572- .0597
Wax, amorphous (see Wax, microcrystalline).
Bayberry, bgs.....lb. No stocks
Bees, bleached, USP, white, bricks, cakes, cs.....lb. .62 - .65
slabs, bgs.....lb. .60 - .63
crude, African, bgs.....lb. .49 - .51
Western hemisphere, bgs.lb. .57 - .60
refined, yellow, brick, bgs.lb. .54 - .58
cakes, cs.....lb. .55 - .57
Wax, candelilla, crude, bgs..lb. .72 - .74
refined, bags.....lb. .74 - .76
Powdered, candelilla, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
Carnauba, chalky, No. 3, bgs., ton lots..lb. 1.30 - 1.32
North Country, No. 2, bgs., ton lots..lb. 1.40 - 1.45
No. 3, bgs., ton lots.....lb. 1.36 - 1.40
refined, bgs., ton lots...lb. 1.50 - 1.55
yellow, No. 1, bgs., ton lots. lb. 1.70 - —
No. 2, bgs., ton lots.....lb. 1.68 - —
Powdered carnauba prices, same differentials as powdered candelilla.
Ceresin, dom., 132°-136° m.p., bgs..lb. .12½- .13½
138°-140° m.p., bgs.....lb. .14 - —
158°-162° m.p., bgs.....lb. .19 - .22
Japan, cs.....lb. No stocks
Microcrystalline, 170°-175° m.p., A.S.T.M., amber, ctns. 36 tons, yearly contract, group 3, works..lb. .14¼- —
amber, ctns., smaller lots, same basis..lb. .14¼- 15½
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots, same basis.. lb. .13 - .13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb. .16½- —
smaller lots, same basis, lb. .16¼- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller bots., same basis, lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots, same basis, lb. .25 - .25¾
Montan, domestic, bgs.....lb. No stocks
Ouricury, crude, bgs., ton lots. lb. 1.05 - 1.10
refined, bgs., ton lots.....lb. 1.20 - 1.25
Powdered ouricury prices same as powdered candelilla.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .27 - .32
cakes, cs.....lb. .28 - .33
White lead (see Lead, white).
White precipitate, powd., dms., 50 lbs. or more..lb. 2.50 - —
White pine bark, rossed, bls..lb. .16 - .19
Whiting,[1] chalk, dry-grd., bgs., c.l..ton. 18.00 -22.00
l.c.l. .....ton. 20.00 -24.00
wet-ground, bgs., c.l.....ton. 21.00 -25.00
l.c.l. .....ton. 25.00 -29.00
gilders, bolted, bgs., c.l.ton. 20.00 -24.00
l.c.l. .....ton. 21.00 -25.00
extra-bolted, bgs., c.l.ton. 22.00 -26.00
l.c.l. .....ton. 23.00 -27.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works..ton. 6.00 - —
smaller lots, N.E., works, ton. 7.00 - 9.00
wet-grd., air-coated, 360 mesh, 90¼%, bgs., c.l..ton. 9.35 -10.10
200 mesh, 99¾%, bgs., c.l., ton. 8.00 - 9.50
99% bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton. 10.00 - —
gilders, bgs., c.l.....ton. 12.45 - —
putty grade, bgs., c.l..ton. 12.00 - —
Paris white, bgs., c.l.....ton. 24.00 -28.00
l.c.l. .....ton. 25.00 -29.00
precipitated, bgs., c.l.....ton. 14.00 -15.00
l.c.l. .....ton. 18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .16 - .17
rossed, green, bls.....lb. .25 - .26
Wild indigo root, bls.....lb. .30 - .31
Witch-hazel leaves, bls.....lb. .21 - .22
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton. 20.00 - —
60 mesh, same basis.....ton. 24.00 - —
80 mesh, same basis.....ton. 27.00 - —
100 mesh, same basis.....ton. 30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .22
Levant, bgs.....lb. 4.50 - 4.75
Wormwood, bls.....lb. .50 - .60

X

Xanthorrhiza bls .....lb. .24 - .27
Xylene (see Xylol).
Xylidin, mixed, dms.....lb. .35 - .36
Xylol (xylene), coaltar, indus., ret. dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .26 - —
West Minnequa, Colo..gal. .26 - —
10°, ret. dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld. gal. .29 - —
5°, ret. dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
3°, ret. dms., works.....gal. .47 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
Petroleum xylol prices, same as those for coaltar xylol.

Y

Yara yara, cryst., bots., cns..lb. 1.75 - 1.90
Yeast, brewer's dry, 50 B units, dms..lb. .33 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .32 - —
Barium chromate yellow price differentials in other State and city zones are those for chrome yellow below.
Benzidin, bbls., dlvd.....lb. 1.85 - 2.25
Cadmium, CP, bgs.....lb. 1.25 - 1.40
ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis, lb. .65 - —
sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts .lb. .16 - —
Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport), 1¼c., Miss., N. C., S. C., Tenn., Dallas, Tex., 1¾c.; Ft. Worth, Tex., 1¾c.; El Paso, Tex., 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Yellow, Dutch, pink, bbls.....lb. .09 - .11
Lanese, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis..lb. 1.75 - —
Iron oxide, nat., bbls., c.l., Bethlehem, Easton, Pa. lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synthetic, bbls., c.l., works. lb. .0663- —
l.c.l., works.....lb. .0710- —
Mercury oxide, bbls., 1,000 lbs., lb. 2.43 - —
smaller lots.....lb. 2.45 - —
Ocher American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works.....lb. .02 - .02¼
French type, bbls., c.l.....lb. .0645- —
l.c.l. .....lb. .0663- —
Persian orange (see O).
Zinc, bbls., same basis as chrome..lb. .16 - —
Navy spec. type, bbls., contract..lb. .16 - —
Yellow duck rosin, bls.....lb. .25 - .26
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .21 - .25
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works...lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd..lb. .16 - .17
USP, bbls.....lb. .26 - .27
kgs. .....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .12¼
l.c.l., same basis.....lb. .12¼- .12¾
Borate, bgs., c.l.....lb. .12 - —
Carbonate, tech., rubber makers' grade, bbls., works..lb. .09¾- .10¾
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
solution, 50%, dms., c.l., works..lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
Chromate (see Yellow, zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Fluoride, bbls.....lb. .25 - .30
Hydrosulphite, dms., works..lb. .16 - —
Iodide, NF, bots.....lb. 4.65 - 4.75
jars .....lb. 4.40 - —
Laurate, bbls.....lb. .32 - .33
Metal,[1] (quotations in Protective Coatings market).
Naphthenate, 8%-10% Zn, dms. lb. .16 - .19½
Oxide, pigment, dom., acicular, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
American process, com'l, lead-free, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
leaded, 5%, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
French process, com'l, lead-free, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
green seal, bgs., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
red seal, bgs., c.l., dlvd. lb. .08¼- —
l.c.l. .....lb. .08¾- —
white seal, bgs., c.l., dlvd..lb. .09½- —
l.c.l., dlvd.....lb. .09¾- —
USP, ctns., c.l.....lb. .10½- —
l.c.l. .....lb. .10¾- —
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ½c. higher than bgs.
Resinate fused, 1% Zn, lump, dms..lb. .11 - .12
precipitated, 5.40% to 9% Zn, powd., dms..lb. .14½- .15
Silicofluoride, bbls.....lb. .15 - .16
Stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
smaller lots, same basis.lb. .30 - .31
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs. 3.40 - —
l.c.l., same basis....100 lbs. 4.15 - —
flake, bgs., c.l., same basis. 100 lbs. 3.80 - —
l.c.l., same basis....100 lbs. 4.55 - —
powd., bgs., c.l., same basis. 100 lbs. 5.35 - —
l.c.l., same basis....100 lbs. 6.10 - —
Zinc sulphate, in bbls., 25c. higher.
Sulphide,[1] pure, bgs., c.l., dlvd. lb. .06¼- —
l.c.l., dlvd.....lb. .06½- —
bbls., c.l., dlvd.....lb. .06½- —
l.c.l., dlvd.....lb. .06¾- —
Barium pigment,[1] bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
Calcium pigment,[1] bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
Fluorescent pigment,[1] works, frt. alld..lb. .90 - 1.00
Magnesium pigment,[1] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide and pigments, Pac. coast prices ¼c. higher; bbl. prices ¼c. higher than bgs.
Sulphocarbolate, NF, bbls., dms. lb. .28 - .30
Tallate, 5% Zn, dms.....lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld..lb. 2.00 - 2.60
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies, lb. .06¼- —
Pac. cst.....lb. .06½- —
ex whse., Pac. cst....lb. .07 - —
Zirconium hydride, cns., works, lb. 7.00 - 8.00
Nitrate, kgs., works.....lb. 3.00 - 4.00
Oxide, crude, 90%, grd., 200 mesh, bbls., c.l., works.. ton. 95.00 - —
white, 98-98½%, grd., kgs., works..lb. .80 - —

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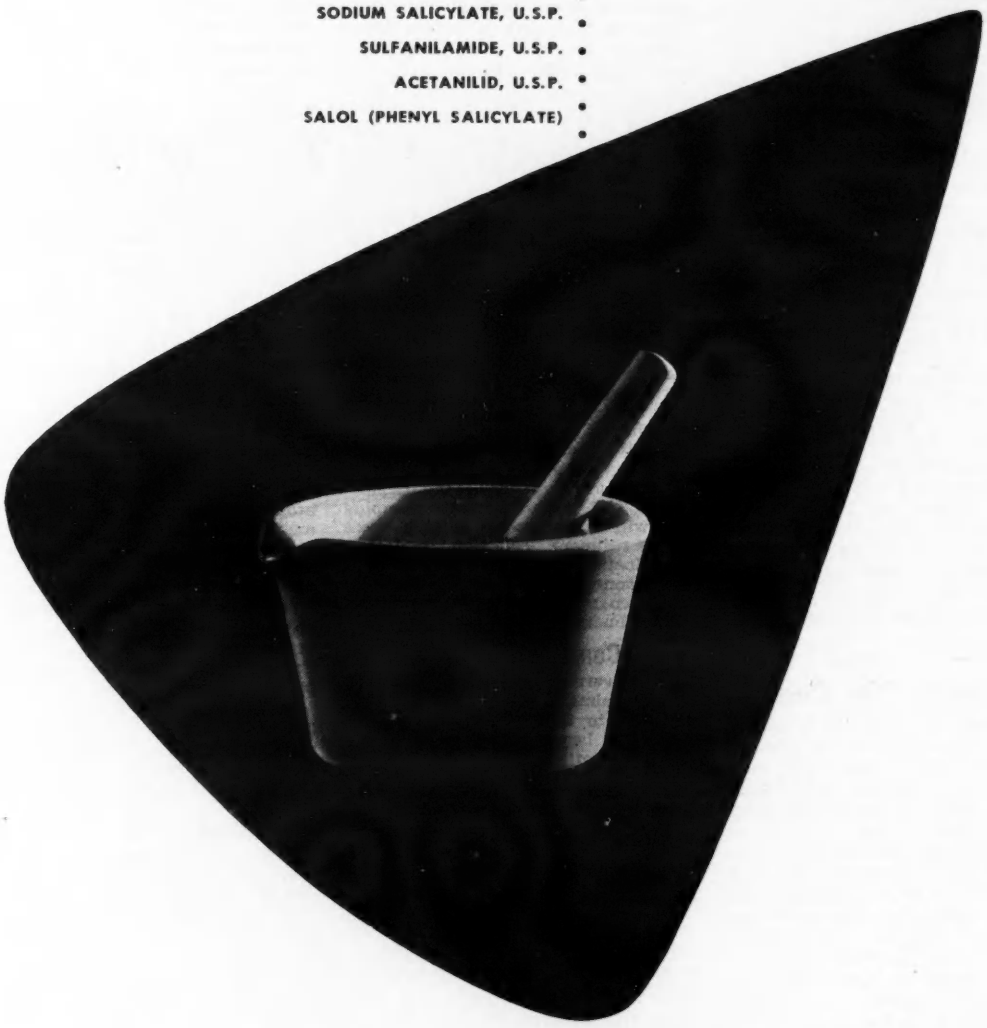
- SODIUM BENZOATE, U.S.P.
- SODIUM PHOSPHATE, DI
- METHYL SALICYLATE, U.S.P.
- FERRIC PHOSPHATES
- CHLORAL HYDRATE, U.S.P.
- CAFFEINE, U.S.P.
- PHENOL, U.S.P.
- BENZOIC ACID, U.S.P.
- MAGNESIUM PHOSPHATES
- SALICYLIC ACID, U.S.P.
- PHENOLPHTHALEIN, U.S.P.
- CHLORAMINE-T, U.S.P.
- PHOSPHORIC ACID
- CALCIUM PHOSPHATE, DI
- ACETYL SALICYLIC ACID (ASPIRIN)
- ACETOPHENETIDIN, U.S.P.
- POTASSIUM AMMONIUM PHOSPHATE
- SODIUM SALICYLATE, U.S.P.
- SULFANILAMIDE, U.S.P.
- ACETANILID, U.S.P.
- SALOL (PHENYL SALICYLATE)



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Denatured Destruction

Science has come with a pleasant, cooling draught to a feverishly fearful public. It has spoken reassuringly in words which tell the achievement of a denaturing of plutonium which renders atomic-fission energy harmless as a destructive force, without destroying its potential usefulness as a productive power. All that remains to make the world safe for its peoples is to see that no destructively minded recalcitrant gets any straight plutonium or any uranium from which to make it. All other factors in the atomic dooming of the human race are but a matter of technologic striving.

It is fascinating, however, to dwell upon something other than the job which the United Nations knows so little about. Making the world safe from anything is a complex task. That task is neither simplified nor eased by the ceaseless seeking of abstract science and its a-social devotees. The atomic fission of some element other than uranium is merely a matter of time. The disturbing aspect is that some seeker may hit upon that fission accidentally —and leave nobody to know of his supreme achievement.

The denaturing of destruction is almost beyond human possibilities. The first and most important step in its direction must, obviously, be the denaturing of the human race. As long as human nature shall be what it is and always has been, destructiveness will be a part of it. No degree of denaturing of the physical implements of that trait can accomplish anything other than a turning to something else.

The denaturing of destruction is a job for the social, rather than the physical, sciences.

Price-Control Needed

Much argument is before Congress these days over the question of whether the Office of Price Administration should be continued beyond the approaching statutory end of its existence. The better argument appears to be on the side of the extension of its term. There is on the opposing side so much confusing of cause and effect, so much adduction of opinion for fact, that an impartial observer must conclude that the case will not stand clear presentation. Not that there is any particular proportion of clarity in much of what is said in favor of continuing the so-called "price-control" functioning, but that there is enough in important places to carry conviction, at least to those who can see how inflation grows in spite of the attempts to prevent it, including the hold-the-line pronouncements of politicians and similarly sloganized campaigns of commercial groups which point with pride to quite obviously ineffective endeavors.

Unfortunately, even in the soundest, most convincing arguments in favor of the continuation of the Office of Price Administration, very little, if anything, is said about the necessity of equipping it more adequately for the prevention of inflation. The statutory authority and implementation with which it has been provided are not equal to the task it is expected to perform.

It is by a very odd choice of designations that the term, "price-control," is used with reference to the effects of the functioning of the Office of Price Administation. The wholesale commodity price index of the National Fertilizer Association (a wholly private-enterprise organization) has increased 4.3 points over the past year, 2.3 points in the past month. The wholesale price of chemicals and drugs was increased 1.8 points over the year; foods, 2.4 points; farm products, 7.1 points; textiles, 9.3 points; metals, 12.4 points; building materials, 13.6 points; cotton, 46.8 points—from a figure already 107.3 points above the 1935-9 average!

Even where the control power of the Office of Price Administration has been applicable, prices have not been controlled. It is clear what has happened where that power, because of statutory (political) restriction, could not be applied. And it must be assumed that, if the records for the groups fully subject to control were those of black markets, instead of established, open markets, similar increases in prices would be shown. To believe that this trend would not be accelerated if all attempts to apply price ceilings were abandoned and increased production were the sole reliance against inflated values, is to manifest a disregard of obvious realities that is naive indeed. But, it is no more ostrich-like than is the belief that the Office of Price Administration, however much it might increase the intelligence and the efficiency of its functioning, could prevent inflation with no better implement than the existing price-control law. As well attempt to dam Niagara rapids with a woven wire fence.

Price-Control Not Possible

Years ago, a noted jurist, speaking, perhaps, more from wisdom and belief than from experience, declared that "nothing is law that is not reason." He should come back to look at some of the congressional enactments of recent years. If he were frank, he would agree fully with the English chief justice of more than 300 years ago, who is reputed to have said:—"The law is an ass!"

In any event the Supreme Court of the United States has found in the so-called "price-control" act a further uselessness. The high court has decreed in a 5-to-3 decision, that that statute does not outlaw tie-in selling except to the extent that the extra item is worthless!

In the case in which this vitiating decision was given, the Office of Price Administration sought to penalize a wholesale poultry dealer for requiring retailers to buy chicken feet and skins along with turkeys for last year's Thanksgiving Day. The supreme court, naturally, could concern itself only with the law. So, it remanded to the lower court the task of determining whether chicken feet and skins have a value to the retail poultry trade, that determination, apparenlty, having been overlooked in the trial of the case.

The supreme court's interpretation of the "price-control" (?) act makes it plainer than ever why OPA, whatever its ability and intent, cannot control the inflationary trend of the times.

Spineless Laws

Whether law be reason or asininity, it certainly is something that could beneficially be dispensed with when it is of the sort that permits the mugwump of the soft-coal miners' union to call a strike which, as he tells it, is not a strike but a refusal to violate the law of trespass—or something — by entering upon mine properties without a contract of employment. The merits of the miners' demands for safer, healthier working conditions are beside the point; although their determination has not made any progress. The crux of the situation is that an excuse, however plausible, for blocking the industrial reconversion of the nation can be found in a nobly assumed purpose to be more than 100-percent law-abiding—in some direction.

It is strange to hear a labor-union official admit that he or his organization is amenable to any law. Special, specific exemption has been provided, sometimes statutorily, sometimes juridically, for labor unions with respect to laws against combinations in restraint of trade, those against .conspired interference with civil rights, those protective of property rights, and those against racketeering. The Supreme Court of the United States has just held union leaders exempt from the provisions and penalties of the so-called "kick-back racket" act. A majority of the highest court has decreed that the exacting of union admission fees as a prerequisite of employment on government contracts is not a kick-back. It is not difficult to see the reason in the court's dictum that the law has no concern with "unlawful acts, including those committed by union oficials in violation of union rules, that are not in the nature of kick-backs." But, it is reasonably impossible to grasp the nice semantic distinction as to what is a kick-back.

There is a tendency to lay on the courts all the fault in the putting of labor unions above the law. Of course, statutory law is wholly a matter of words—multitudes of them. And the semantic possibilities of interpretative variations arise in geometric progression. The courts do shape the meaning of statutory phraseology. But, the real reason for the failure of the laws to fall with the same effect upon labor and its organizations as it has upon all the rest of society is to be found in the pussy-footing, vote-seeking, double-talk of their legislative construction. The fault is the same as that which makes the price-control act of extremely slight usefulness. Congressional enactments all too commonly lack, not only teeth, but also guts.

Washington Talks It Over

—*Continued from page 5*

the last analysis, the success of the department's research and development activities depends on the quality and adequacy of its scientific and technical staff. He called for the recruitment, retention, and improvement in service of scientific and technical personnel, and a series of co-ordinated plans designed to maintain top-flight personnel in advanced work.

First step in the program was establishment of a War Department committee on scientific personnel, composed of fifteen military and civilian research men in the department. The group will do the planning and will make studies in such areas as recruitment, selection, retention, classification and wage administration, improvement in service, advancement and recognition of personnel in the professional fields.

Paint Contracts Probed

The government has decided against adding paints, varnishes, and related products to the long list of articles that have been exempted from contract renegotiation for the year 1945. Some time ago NPVLA asked that this be done, but the War Contracts Price Adjustment Board has ruled against it.

The reason given to the association is that competitive conditions throughout the industry were not such as protected the government against excessive prices, and the government therefore feels it should look into the 1945 contracts for some possible savings on the paint and related products it bought last year.

Glue for Plywood

The Department of Agriculture reports that its Northern Research Laboratory at Peoria, Ill., has developed a new type of glue that is 30 percent cheaper and has a superior binding strength compared with other glues. The glue is so weatherproof and waterproof that tests show that it will stand up under outdoor weather conditions longer than the plywood it holds together.

Credit for the discovery goes to Glen E. Babcock and Allan K. Smith who found that by mixing a phenolic resin with a solvent-extracted soybean meal that has been freed of its water-soluble constituents, a binder was developed that makes plywood practical for many exterior uses in which the old plywoods would fail. Making concrete-pouring forms is one of the new uses for plywood made with the adhesive. One plywood manufacturer has thought so highly of the new glue that he consumed half-a-million pounds of soybean meal over a twelve months' period making waterproof plywood. The department expects other plywood mills to adopt the formula as soon as soybean meal becomes more plentiful.

The new product is called 'Norelite.'

Paprika Improves Trout

You anglers who have been complaining to the Fish and Wildlife Service that hatchery-reared brown or brook trout seem a little too pale around the gills needn't worry anymore. Capt. Krug, the new Interior secretary, is going to fix it up so you won't be able to tell them from their wild cousins.

How? He's going to feed them paprika. Tests have shown that on a paprika diet the trout will develop the same spots and hues of the wild fish and won't suffer in taste.

Capt. Krug says the next big job of the service is how to make hatchery-bred rainbow trout more pleasing to the critical eye of the anglers.

Peace—ain't it wonderful!!

Smokemakers for Agriculture

Chemical Warfare Service smoke apparatus, having saved lives and property in war, now offers peacetime possibilities in protecting crops from frost and, with modifications, from insects. Tests of such uses of these apparatus are to be made this year by fourteen agricultural experiment stations extending from Florida to the Northwest, encompassing cross-sections of the fruit, cotton, tobacco, and wheat belts.

The apparatus picked for the tests is the M2 (Besler) portable model, which can smoke an area 5 miles long by 200 yards wide. It combines hydrocarbon oil and water into a spray which is superheated and released to condense in the air as a nonsooty and nonpoisonous snowwhite cloud that hugs the ground. It consumes about 50 gallons of oil an hour.

The undertaking has the purpose of trying out the fog machine against both frost and insects which imperil orchards, grain fields, and row crops. It will also be used in applying weed-killers to pastures and ranges. For insect control, the machine will be slightly modified to enable it to disperse DDT and other insecticides with the smoke.

VITAMIN C

on the High Seas

SCURVY, long a scourge during extended voyages, was conquered in the British Navy by the daily administration of lime juice to the seamen — hence the name "Limeys" for British tars. This prophylaxis was arrived at by a process of trial and error, and it was not until recent years that it was learned that it was the Vitamin C (Ascorbic Acid) in the lime juice which prevented the development of scurvy.

Now the pure crystalline vitamin, produced in tremendous quantities by the chemical industry, is available not only for the prevention and treatment of scurvy but for use in numerous other ills where beneficial effects have been reported.

In addition, however, this versatile vitamin serves as an antioxidant to prevent discoloration of frozen fruits and to aid in the retention of the natural flavor of these and many other foods. This is only one of the numerous possible industrial uses of this vitamin.

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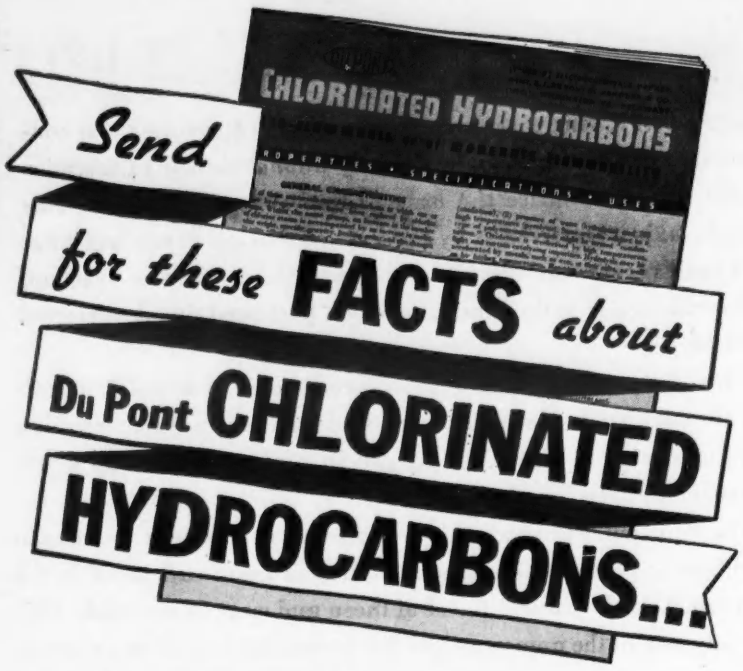

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Heavy Chemicals

Inventories were not increased in the heavy chemicals recently described as tight, during the past week. Present demand for these items has not been of a character to permit stock accumulations. The situation in soda ash and caustic soda seemed to be tighter than a month ago. Dense soda ash and the dry forms of caustic soda were exceedingly short. On the other hand, chlorine remained in sufficient supply to meet requirements readily if containers could be secured. The accumulation of carbon tetrachloride has resulted in lower prices being established. Manganese chloride, the anhydrous grade, was also quoted at a lower selling level. Maintenance of heavy demand for chlorate of soda prevented any improvement in buying conditions. Carbonate of potash was under pressure but showed signs of some betterment. Caustic potash was able to meet requirements on a fairly prompt basis. Oxalic acid was sold through most of July with some producers not keen on naming future options for carlot shipments. No new developments were uncovered in the copper sulphate situation. Arsenic was scarce with labor difficulties holding output down. White sal ammoniac remained short but appeared to be working into a better supply condition. Nickel sulphate shipments were behind schedule and zinc sulphate production has been sold through the Spring months.

Production figures appearing in some of the following market reports were released by the Chemical Division of the U. S. Tariff Commission.

Acetic Anhydride—Production was higher in January. The output stood at 45,733,425 pounds, compared with 44,294,138 pounds in the preceding month.

Ammonia Bicarbonate—Maintained a favorable inventory position. Bakeries have been able to cover requirements promptly and considerable business is said to have been placed at current prices.

Ammoniac Sal—Supply of white granular continued short of demand but the market situation is gradually getting into better shape. Delays in structural work have prevented additional plant capacity although progress is being made.

Arsenic—Stocks of white arsenic are short and insufficient to meet requirements. Labor difficulties have cutback production, leaving the market situation tight. While there is quite a stockpile in Sweden, it is stated that shipping conditions will not permit deliveries here before late in May.

Calcium Chloride—Remained in definitely tight supply with no reserves and demand dependent upon current production. Shipments continued considerably behind contract schedules.

Carbon Disulphide—Output seemed to be keyed to a comparatively even basis. January production was given at 26,204,998 pounds, compared with 26,620,669 pounds in December.

Carbon Tetrachloride—Lower prices were heard for this chemical and in some instances 4c. a gallon was cut from the former price level. Stocks have been accumulating and sellers are making inducements in an attempt to move material. In some quarters as low as 69c. a gallon was named for carlots in large drums and 76c. a gallon in less than carlots. Production was lower in January at 11,642,663 pounds, compared with 13,080,177 pounds in December.

Chlorine—So far as actual material was concerned, the supply situation remained favorable but the container shortage has made it difficult to move goods promptly from works. Demand was said to be of normal dimensions.

Manganese Chloride—A manufacturer of the anhydrous grade has named a lower price for this material. Carlots were quoted at 14c. a pound and 16c. a pound for less at the works. This represents a net decline of one cent per pound.

Potash Carbonate—Buying interest continued active with the calcined grade commanding more attention at present than the hydrated. The supply remained short but the tendency leaned toward improvement in buying conditions.

Market Trends

Prices Advanced

None

Prices Reduced

Carbon tetrachloride, 4c. per gal. Manganese chloride, anhydrous, 1c. per lb.

Comparative Price Indexes

General Chemicals

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
168.5	168.9	168.9	169.0

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

(*For Current Prices see page 9*)

Potash Caustic—Although inventories were reported relatively low, there appeared to be enough material to meet current demand on a fairly prompt basis.

Potash Chlorate—Maintained a comfortable degree of balance during the past week and so far has not reflected the buying flurry in chlorate of soda.

Soda Ash—Both grades of soda ash have continued a difficult buying problem for anything like prompt shipment. Producers have felt the impact of an unusually heavy demand for months and production is not sufficient to even off the inquiry. New consuming plants have come into the market and dense ash in particular has been under constant pressure from the glass and frit industries. The call for light ash, while exceedingly heavy, has been more diversified. In both grades bulk material has moved much faster than packaged goods.

Soda, Caustic—Flaked, ground and powdered caustic have held an exceedingly tight supply position. Liquid is not much better off but, at least, the distribution is broader. The continued inability to build up inventories has forced consumers to depend upon current production and at present there is considerably more demand than material available. It is stated that the shortage of steel containers has forced producers to use most any kind of package that can be pressed into service.

Soda Chlorate—Remained in tight supply under a heavy consuming demand, not only for weed-killer compounds, but for various other industrial requirements. Production was under pressure with shipments falling behind scheduled requirements.

Soda Formate—Inventories have been built up sufficiently to keep this market in a fair degree of balance. Material was available for prompt shipment.

Tin—Based on prospective importations, government stocks of tin will be down to about 15,000 tons at the end of 1946, after allowing for minimum working requirements at the government-owned Texas smelter. An expected further drop in tin requirements for brass and bronze is one of the few bright spots in the 1946 supply and demand picture, according to the Civilian Production Administration. Tin for brass and bronze, used principally by the armed services, dropped from 33,625 tons in 1944 to 26,826 tons in 1945. A further drop in tin uses for these products is expected in 1946.

Acids

Acetic—Production in January was lower in all grades but natural. Synthetic output registered 19,543,529 pounds against 22,476,478 pounds in December. Recovered was 62,640,513 pounds, compared with 63,616,951 pounds in December and natural showed 1,897,533 pounds against 1,845,913 pounds in the preceding month.

Formic—Supply situation has tightened under an improved inquiry mostly from the textile mills. Production has found a ready outlet with buyers experiencing difficulty in securing prompt shipments.

Hydrofluoric—Anhydrous and all grades of this acid have remained in sufficient supply to meet requirements for domestic use promptly and some has been available for export.

Oxalic—No indication of easement in the market for carlot shipments. Miscellaneous demand of sizable di-

For Late Market Developments, See Page 4

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mensions has over-taxed production and new business has been postponed with the nearest shipment given as July. No export material was available from producers.

Sulphuric—Continued evidence of a tight supply situation in some sections. There seemed to be more difficulty in securing large lots than small quantities. It looked as though buying conditions would improve following the peak of the agricultural demand. Container shortage had a tendency to aggravate prompt shipments.

Baltimore, March 29.—Conditions as to the production of sulphuric acid are about the same, with the difficulties of getting acid-making materials in no wise altered. Transportation problems are encountered and costs of manufacture are on the increase. However, the automatic character of the process enables producers to meet demands of the government and turn out an excess for requirements of consuming industries. So far no intimation has been given of another attempt to bring about a unification of prices, which are subject to variations based upon the highs realized during the war. These differences are not large enough to raise up a distinct issue, and the situation is allowed to go on as before.

OPA Lifts Control On Some Products

Removal of price control from certain miscellaneous commodities and from rental of equipment or commodities to educational or charitable institutions by the Federal Public Housing Authority was announced by the Office of Price Administration.

Among the miscellaneous items are:-Bicycle tire fluid, cutting compounds, room deodorants, embalming fluids, foundry fluxes, incense, ink eradicators, isinglass, montan wax and I. G. waxes, nitre cake, silica gel, and laundry bluing.

Shrinkproofing Chemical Development Reported

A new chemical method for making rayon shrinkproof, which assures a greatly increased market for the fabric, was described last week by Dr. R. L. Bateman, manager of the fine chemicals division of the Carbide and Carbon Chemicals Corporation, New York, at a meeting of the Southeastern Pennsylvania Section of the American Chemical Society.

Discussing "New Chemicals for Peacetime Applications," Dr. Bateman said recent developments have made possible many new and improved products, and added:—

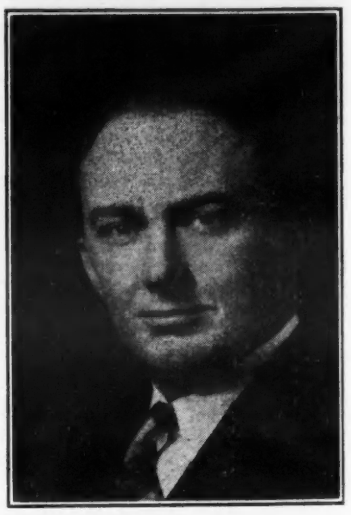
One instance of this is the successful shrinkproofing of spun rayon, using glyoxal, a chemical new to industrial applications. This will lead to a greater acceptance and use of spun rayon as a clothing fabric, for the disadvantage of rayon shrinkage is thus controlled through chemical means.

The importance of new plasticizers in the expansion of the plastics and synthetic rubber industries also was stressed by Dr. Bateman, who said these plasticizers make it possible to modify plastic products in accordance with specifications set up in advance.

Hercules Powder Names Perry Assistant Treasurer

Arthur L. Perry has been elected an assistant treasurer of the Hercules Powder Company, Wilmington, Del. He has acted in an advisory capacity in the treasurer's department since he joined the company four years ago as a tax consultant.

Chemical Sales Head



Alden R. Ludlow, jr., recently released from the Air Corps, has returned to U. S. Industrial Chemicals Inc, New York, as manager of alcohol and chemical sales.

Chemical Workers Increased in January

Employment in factories engaged in the manufacture of chemicals and related products in the United States noted an 0.5 percent increase from December to January, according to the Bureau of Labor Statistics. At the end of the monthly period, employment was 38.4 percent below the corresponding level of 1945. Payrolls showed a gain of 0.5 percent from January to December, but stood 32.8 percent below the corresponding level of 1945.

The Bureau of Labor Statistics index numbers for factory employment in the chemical group of industries for December was 153.9 (100 equals 1939 average), compared with 217.8 for December and 258.0 for January last year. For payroll totals the index number was 258.0 for December and 384.2 for January last year.

The bureau's general index numbers for all manufacturing industries for November showed the following comparisons:—

	Jan., 1946	Dec., 1945	Jan., 1945
Employment	123.0	121.6	162.4
Payroll	217.2	215.3	385.2

Employment in the chemical group of industries was 22.5 percent above the average of all industrics. Payroll totals were 23 percent above the general average for industries. Labor statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1939 average:—

	Employment		
	Jan., 1946	Dec., 1945	Jan., 1945
Quarrying and nonmetallic mining	83.1	83.6	73.6
Crude petroleum production	90.0	88.4	82.1
Dyeing and cleaning	120.3	119.9	111.9

	Payroll totals		
	Jan., 1946	Dec., 1945	Jan., 1945
Quarrying and nonmetallic mining	150.3	154.4	135.0
Crude petroleum production	139.0	135.9	132.2
Dyeing and cleaning	201.7	196.9	175.3

Detailed Comparisons

Employment

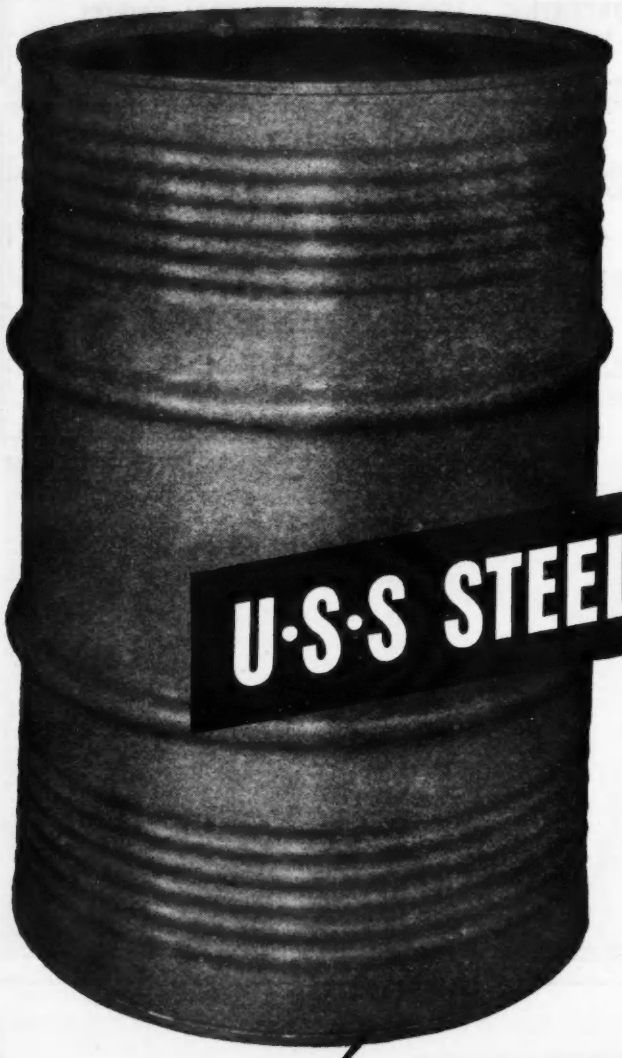
(100=1939 average)

	Jan., 1946	Dec., 1945	Jan., 1945
Chemicals	164.7	162.2	165.5
Cottonseed oil	116.8	128.0	130.4
Drugs, medicines, insecticides	179.6	177.2	179.4
Explosives and safety fuses	238.7	296.6	1,311.3
Fertilizers	130.2	118.3	122.9
Paint, varnishes and colors	117.4	114.8	105.4
Petroleum refining	131.9	130.6	125.5
Rayon and allied products	122.8	119.6	112.1
Soap	100.3	100.1	98.6

Payroll Totals

(100=1939 average)

	Jan., 1946	Dec., 1945	Jan., 1945
Chemicals	276.8	267.0	293.2
Cottonseed oil	252.8	279.6	275.5
Drugs, medicines and insecticides	288.0	276.1	273.4
Explosives and safety fuses	365.1	469.7	1,990.1
Fertilizers	280.7	256.1	269.1
Paint, varnishes and colors	180.1	178.1	169.4
Petroleum refining	210.6	212.6	215.7
Rayon and allied products	194.9	193.8	182.0
Soap	169.1	168.9	168.2



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Owens-Illinois Names Phillips to New Post

Leonard G. Phillips, recently discharged from the navy, has been appointed manager of the closure sales division of the Owens-Illinois Glass Company, Toledo, Ohio. Mr. Phillips, who joined the company in 1934, held the post of assistant manager of the closure and plastic sales division at the time he entered service in 1943.

Leonard G. Phillips

Rubber Use for Cement Experiments Banned

OPD Washington Bureau

Use of natural rubber or natural rubber latex for experimental manufacture of rubber cements has been banned by the Civilian Production Administration in an amendment to order R-1.

The Rubber Division pointed out that the techniques used in the production of natural rubber cements have been well known for many years, obviating the need for further experimentation on an extensive basis. In addition, some rubber allocated in small amounts for experimental purposes has been finding its way into black market production of commercial-type rubber cement. Production of this end-product is prohibited by order R-1.

Goodrich Chemical Names Sales Development Head

The B. F. Goodrich Chemical Company, Cleveland, has named Sam L. Brous manager of sales development, and James C. Richards sales manager of synthetic and reclaimed rubber.

Mr. Brous will be responsible for the commercial introduction of new chemical and plastic products, and will supervise field development work and direct the exploratory sales of these products to new markets. As each product becomes part of the company's commercial production, it will then be turned over to a regular sales staff.

Mr. Richards was formerly manager of the government synthetic rubber plant at Borger, Tex., which was operated by the company.

Pennsylvania Salt Manufacturing Company, Philadelphia, has elected Alexander J. Cassatt to the board of directors.

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Kircher Gets German Occupation Forest Job

OPD Washington Bureau

Joseph C. Kircher, for twelve years regional forester in charge of U. S. Forest Service operations and national forests in the Southern states, has been named forest control officer and adviser to the military government in the American zone in Germany. He will leave this country May 1.

John H. Stone, former supervisor of the Nantahala, and later the Pisgah national forest in North Carolina, and previously assistant supervisor of the Cherokee national forest in Tennessee, will succeed Mr. Kircher in the South.

Army Purchase Information Section Established

A Purchase Information Section has been established under the Procurement Division of the Army Service Forces, Room 3C 467, The Pentagon, to display to prospective bidders and interested public, invitations for and abstracts of bids issued by Army Contracting officers for army equipment, supplies and construction.

Recently established policy of the war department provides that whenever practicable, procurement shall be by formal advertising and competitive bidding. Authority to negotiate contracts still exists under provisions of first war powers act and Executive Order 9001, but it is to be exercised only when it is determined that formal advertising procedures will not produce results as favorable as negotiation.

Swedish Electrochemical Co. Is Fifty Years Old

In commemoration of its fiftieth anniversary, Elektrokemiska Aktiebolaget, Bohus, Sweden, has issued an illustrated book relating the history of its development in the electrochemical field since its founding by Alfred Nobel, Rudolf Lilljeqvist, and C. W. Collander, in Bengtsfors. There are interesting chapters on the steps represented by different chemical groups and processes in the development. Every page has an interesting picture of plant or product, many of them in color.

A special chapter has to do with the personnel programs of the company, which has a particularly timely interest because of the satisfactory condition of employment relations generally in Sweden.

Research Manager

William F. Newton, who has been appointed manager of research and development for the Columbia Chemical Division of Pittsburgh Plate Glass Company, was formerly division superintendent in charge of synthetic resins and related organic products.

Agicide Appoints Carroll Insecticide Division Head

Francis E. Carroll, since 1936 entomologist in charge of insecticide development for the Agicide Laboratories, Inc., Racine, Wis., has been appointed general manager in charge of the insecticide division.

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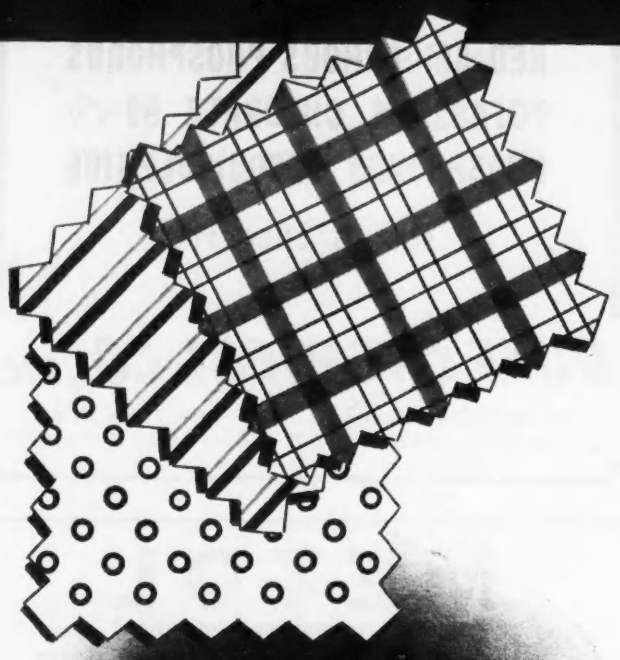

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Schwartz Heads Research for Hart

Dr. Boris Schwartz has been appointed chief research chemist for the Hart Products Corporation, manufacturing chemists, New York. Dr. Schwartz, who received his degree in biochemistry and organic chemistry from Rutgers University in 1942, has recently been engaged in chemical research on surface active materials, moth-proofing agents, water-repellents and similar products for the textile industry.

Dr. Boris Schwartz

J.C. Quartermaster Buying Transferred

In a move designed to further the principle of coordinated procurement of all common items by the army and navy, the Army Quartermaster Purchasing Office in New York, in addition to its task of buying textiles and clothing, has officially taken over the procurement functions of the Jersey City Quartermaster Depot.

The entire Procurement Division of the Jersey City installation will be moved to the Army-Navy Purchasing Office at 111 East Sixteenth street, New York, and will involve the transfer of about 500 military and civilian personnel to the command of Col. Thomas W. Jones, commanding officer of QMPO in New York.

Contracting sections involved in the move are subsistence, chemical and miscellaneous, paper and forest products and fuel and lubricants. Soap, insecticides, laundry supplies and tremendous quantities of miscellaneous items, including printing machinery, hardware, etc., will also be purchased.

Mytelka Heads Dexter Textile Chemical Output

Morris Mytelka, for the past ten years analytical and research chemist for the Hart Products Corporation, petroleum products, New York, has joined the Dexter Chemical Corporation, New York, as chemist in charge of production for its textile chemical division.

Under Mr. Mytelka's supervision, the Company's New York plant is being enlarged, new equipment is being added and the staff is to be increased.

Texco Chemical Co. Adds Three Servicemen to Staff

Three servicemen have returned to the Texco Chemical Company, Atlanta, Ga. Frank E. Cooper will resume his duties in the sales department; Dozier P. Willard will serve as sales representative in the Atlanta area, and Frank de Peterse, jr., textile chemist, will act as service representative to the textile finishing trade.

Trade Briefs

Textile Technology Institute has added to its staff Dr. Charles H. Lindsley, formerly with the Chemical Warfare Service.

Institute of Textile Technology has added John J. Owen to its research staff. He was recently released from the Army as a Major.

Dr. William T. Ham, jr., recently discharged from the Marines with the rank of captain, has been appointed to the research staff of the Institute of Textile Technology.

Duofol L is a new Hartex textile chemical. It is a synthetic sulphated ester for which superior properties of wetting, rewetting, and softening are claimed. This new agent has just been introduced by the Hart Products Corporation, 1440 Broadway, New York.

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Textile and Leather Chemicals

Trading in tanstuffs lacked improvement during the past week, although buying interest was keen. Tanners were seeking materials for nearby requirements, but the scarcity of offerings from foreign producing centers continued scanty. Advices from primary markets indicated a scarcity of divi divi, mangrove bark, and wattle bark and extract. Supplies of myrobalans were available in sizable quantities, with demand light and spasmodic. Trading in quebracho extract was held up, pending the clarification of the price ceiling situation.

Urgent demand for sizing materials continued to absorb the production of corn dextrin and starch and potato starch against former contracts. The output of the latter was said to be affected by the reduced receipts of potatoes at the mills, owing to increased takings by alcohol producers at higher prices than starch manufacturers can afford to meet. Reports from Brazil stated that prospects were good for this season's crop of tapioca starch, and the production was expected to approximate 18,000 to 20,000 tons.

Exports of cotton textiles during the next three months were reduced to 9.6 percent of the cotton fabric production it was announced by the Civilian Production Administration, March 26, as compared with 11 percent for the first quarter of the year. The set aside for exports during the second quarter was expected to approximate 232,500,000 yards made during the first three months of the year.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
288.5	288.5	299.4	279.7

(For Current Prices see page 9)

Chemicals

Alumina Hydrate — Demand was moderate and mainly for prompt requirements. Prices were well held at former levels.

Bichromates—Steady consuming demand continued to absorb the output. Market was firm at ceilings. Shipments to foreign destinations were reported heavier, on the receipts of export permits for increased quantities. Export inquiry was keen and unsatisfied.

Potash, Prussiate—Consumers absorbed good sized lots for prompt needs. Market remains firm at former quotations.

Soda, Hydrosulphite — Deliveries against former orders continued active. Consuming inquiry was fairly active for nearby delivery. Quotations were steady.

Sulphonated Oils — Business continued limited by the scarcity of castor oil grades and tallow. Interest in sulphonated neatsfoot oil was moderate, with supplies fairly liberal.

Zinc Dust—Movement of material against former orders, up to seasonal volume. Prices were well maintained.

Dyestuffs

Annatto Seed—Small lots were in fair request at former quotations. Market was steady and reflected the firmness at producing centers.

Cochineal—Business was light and confined to small quantities. Supplies were reported light. Prices were firm.

Sizing Materials

Albumen, Blood—Conditions in this market remain steady and unchanged. Demand was moderate with supplies fairly liberal and adequate to cover requirements. Prices were well held. Soluble dried blood was in good call for immediate delivery.

Albumen, Egg—Supplies denote a seasonal increase and were readily taken to fill old orders. New business was fairly active for nearby delivery. Market continued firm at ceilings.

Dextrin, Corn—Increased production moved steadily into consumption against old orders with the result that little, if any surplus material was available. Processors were operating at capacity and were far behind their heavy backlog of orders. Prices were firm at ceilings.

Egg Yolk—New production moved steadily against former orders. Trading also was more active for prompt delivery. Supplies on the spot were light and well held at ceilings.

Starch, Corn—Production was reported at a good rate, and was delivered on previous contracts. New business was restricted and accepted subject to delay in delivery. Consumers were in the market for prompt and forward shipments. Receipts of cash corn were again reported smaller. Visible supply of corn declined 1,387,000 bushels for the week ended March 23 to 22,794,000 bushels, compared with 19,652,000 bushels, a year ago, according to the Chicago Board of Trade. Sales of 600,237 pounds of powdered cornstarch ranging from 6.52c. to 7c. per pound, according to packing, f.o.b. location of stocks were reported by the Department of Agriculture, March 4 and 5. The bulk of this material was held on the Pacific coast.

Starch, Potato—Absorption of heavy supplies of potatoes by alcohol distillers at prices above the level that starch producers could afford, it was reported, was expected to decrease the starch production by several thousand tons for this season. Demand for starch continued urgent. Production was sold well ahead and offerings were scanty.

Tapioca Flour—Arrivals were quite liberal and totaled 28,625 bags at New York during the week for consignment against former contracts. Trading in new crop has not started. Reports from Brazil indicated that prospects were good for the new crop with production estimated at about 18,000 tons to 20,000 tons.

Tanning Materials

Chestnut Extract — Supplies were scanty and firmly held at ceilings. Consuming inquiry was fairly active.

Divi Divi—Although tanners were in the market for replacements, trading was slow, because of the scarcity of offerings for shipment from primary markets. Prices were firm and unchanged. Arrivals at New York totaled 5,800 bags for delivery on prior contracts.

Hematine Extract — Withdrawals against former orders continued in good volume. Market was unchanged and firm at ceilings.

Mangrove Bark—Trading was limited, owing to the light supplies at producing centers. Inquiry was active for nearby delivery. Arrivals were reported at 1,600 bags during the week for delivery on prior contracts.

Myrobalans—Business was reported light, with offerings fairly liberal for prompt shipment. Prices were well maintained at producing points. Receipts totaled 5,280 bags at New York and were consigned against former contracts.

Nutgalls—For some time no general market stock of this article has been available on spot but last week one importer restored a price of 52c. to 54c. per pound. The holding was relatively small but was actually spot. Additions to stocks are not in sight. The goods thus quoted were understood to be Alleppy galls, and to be of better than fair average quality. Demand was said to press rather lightly at this time, but interest in futures has gained.

Quebracho Extract — The trade awaited the announcement of higher price ceilings by OPA, which were expected shortly. During the interim trading was inactive, as producers have withdrawn from the market and were not offering for shipment. Tanners have been showing an active inquiry for nearby requirements. Arrivals totaled 21,370 bags at New York during the week, for delivery on prior orders.

Wattle Bark—While new business was practically at a standstill, because of the scarcity of supplies at points of origin, the market was firm under an urgent demand from tanners. Arrivals were noted of 9,340 bales of bark and 17,587 bags of extract at New York during the week, for delivery on former contracts.

For Late Market Developments, See Page 4

ALBUMENS

OPD—4-1-1946 35

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Coaltar Chemicals

Distribution of basic coaltar chemicals was on a broader scale at the close than at the beginning of March. Production has increased with the restoration of coke-oven operations toward a normal basis, but inventories, while better, have not expanded materially because of the active extent of consuming demand. Benzol has attained a state of balance and, while not in free supply, has met requirements in a fairly prompt manner. Cresylic acid, creosote oil and naphthalene have remained in definitely tight supply. Phenol has met demands from stocks that cannot be described as long. There was plenty of toluol available and xylol appeared to be in a little better shape. Intermediates have been well sold ahead in many instances, the prospect of a coal strike inspiring attempts to book larger commitments. Production of intermediates has been regulated by the availability of basic materials and this was also true of dyestuffs. The prospect of a coal strike has clouded the outlook. According to reports, there is enough reserve coal to last about a month.

Steel operations for the week beginning March 25 were scheduled at 88.5 percent of ingot capacity, compared with 88.9 percent in the previous week, according to the American Iron and Steel Institute. A month ago, the indicated rate was 58.6 percent. The present schedule is equivalent to the production of 1,559,700 net tons of ingots and castings, compared with 1,566,800 net tons in the preceding week and 1,769,400 net tons for the corresponding week in 1945.

Production figures appearing in some of the following market reports were released by the Chemical Division of the U. S. Tariff Commission.

Basic Products

Benzol — Regardless of increased production, inventories have shown relatively little increase owing to the active extent of consuming demand. Inquiries have been satisfied on a fairly prompt basis. Output in January from tar distillation amounted to 1,064,619 gallons of the motor grade, compared with 487,426 gallons in December. Production of all other grades from tar distillation was 1,525,514 gallons against 1,314,228 gallons in the preceding month.

Creosote Oil—No visible improvement in the supply position could be noted. Demand for wood-processing has outdistanced output sufficiently to maintain a tight market indefinitely. Tar distillers produced 9,815,219 gallons in January, compared with 9,694,584 gallons in December.

Cresylic Acid—Supplies continued exceedingly short with consuming interest active and far in excess of available stocks. Demand from the synthetic resin industry remained very heavy. Production of refined acid in January amounted to 1,539,531 pounds against 2,108,164 pounds in December. Importations last week were 253 drums.

Naphthalene—Increased distribution has easily absorbed any expansion in output without satisfying current demand. The markets for both crude and refined were described as exceedingly tight. Tar distillers produced 16,035,667 pounds of crude solidifying at less than 79°C in January, compared with 14,893,551 pounds in December. Output of refined solidifying at 79°C and over was 8,319,874 pounds in January against 7,015,898 pounds in the preceding month.

Phenol—Deliveries were somewhat behind schedule in some producing quarters but about even in others. Demand for phenol-formaldehyde resins was active with a lot of material also passing into the manufacture of dyestuffs. January production of synthetic and natural amounted to 15,815,121 pounds, compared with 14,738,105 pounds in December.

Toluol—Combined demand for this solvent for lacquers, paints and enamels was not sufficient to tighten the supply situation. Stocks of toluol appeared to be adequate to meet demand for some time to come. Production, aside from coke-oven operations, was 1,131,192 gallons in January, compared with 919,051 gallons in the preceding month.

Xylol—Supply situation tight although stocks did not appear quite as short as at the beginning of March. Persistent demand for lacquer use has prevented any substantial increase in inventories.

Chicago, March 29.—Business in coaltar bases was quiet, but general market tone remained steady and buyers were seeking additional quantities of material. Ruling prices exclusive of tax are:—Benzol, pure, in tankcars, freight allowed, 15c. per gallon; toluol, 2-degree, 27c.; 10-degree xylol, same basis, 29c.; industrial xylol, same basis, 26c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	129.2

(For Current Prices see page 9)

Hydrogenated Solvents

No new developments were uncovered in this market last week. Inventories have been kept at a level to match demand which was not unusually heavy. Inquiries were of miscellaneous character and included solvent uses in synthetic resins, waxes and lacquers.

Coaltar Acids

Anthranilic—Deliveries to regular consumers has continued to account for the major part of the market's movement. Current production has not been of sufficient dimensions to build up inventories and the supply position has remained tight.

Cleve's — Not in free supply, although enough is said to be moving to meet the requirements of dyestuff users.

Fumaric — Manufacturers of synthetic resins have taken most of current output leaving the supply definitely short for other uses. Production is said to be considerably behind scheduled requirements.

Laurent's—Buyers have not found much of this acid available. There seems to be a regular outlet for current production and stocks have been kept at a relatively low level.

Maleic—Between the urgent demand for synthetic resins and protective coatings, production is being over-taxed. The supply position is tight and without sign of nearby easement.

Other Intermediates

Anilin — Steady miscellaneous inquiry has been reflected in a broader distribution of anilin oil. Inventories better than at the beginning of March. Production in January amounted to 7,070,695 pounds, compared with 5,945,580 pounds in December.

Metaparacresol—Lower output was recorded in January. Production amounted to 273,659 pounds, compared with 544,319 pounds in December. The current market was described as definitely tight.

Monochlorobenzene — Moderate improvement in production took place in January. Output registered 21,986,491 pounds, compared with 19,094,194 in the preceding month.

Phthalic Anhydride — Closed the month in a tight supply position regardless of some improvement in production. The short supply of crude naphthaline has prevented capacity output. Production in January was 8,703,071 pounds against 8,555,102 pounds in December.

Coaltar Colors

Buying interest was reported active in the coaltar color market. Production has been keyed to a broader basis, but the outlook has been clouded by the possibility of a coal strike and its influence on future output. With this idea in mind, buyers have shown a tendency to increase commitments. This condition has prevented much

For Late Market Developments, See Page 4

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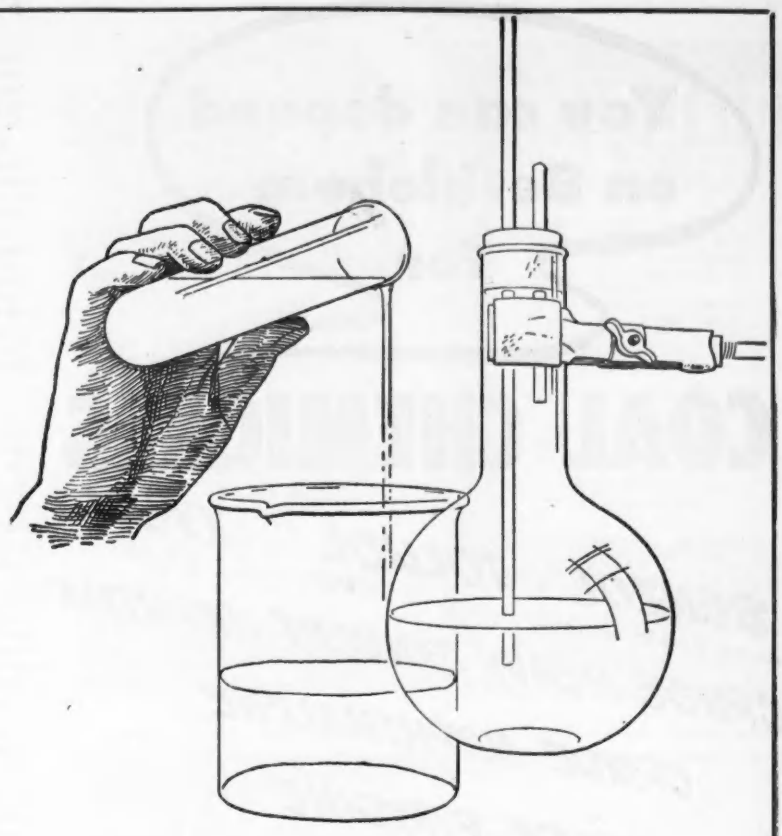

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improvement in the position of inventories.

According to the Color Card Association, rich, glowing gem tones captioned jewels of the orient are an intriguing feature of the advance rayon collection for fall, 1946. The brilliant hues in this group comprise royal lapis, Chinese topaz, orient emerald, jewel red, Burma ruby, Persian peridot, flame opal and India sapphire. These sparkling jewel tones, it was explained, reflect the growing trend toward elegance in formal evening attire. The radiant jewel colors likewise suggest dashing contrasts to black, brown and other dark neutrals.

German I.G. Output Of Hydroquinone Told

OPD Washington Bureau

Details concerning production of hydroquinone and various other chemicals at the Wolfen plant of I. G. Farbenindustrie are now available at the Office of the Publications Board, Washington. Entitled "Technical Report on the Manufacture of Miscellaneous Chemicals in Plants of the I. G. Farbenindustrie, A. G., Germany," or Report No. 4115, it is being distributed by OPB at 25 cents per copy.

Of the forty-two pages in the report, nine are devoted to discussion of hydroquinone, and the rest contains data on the manufacture of ethyl alcohol from wastewood, production of hydrocyanic acid, glycerine, n-butyl alcohol, acetaldehyde, acetone, detergents for synthetic fibers, and dyestuffs for acetate rayon.

Purocaine Inc. Moves

Purocaine, Inc., manufacturer of fine chemicals, has moved its office and manufacturing facilities from Long Island City, N. Y., to West Chester, Pa.

Dexter Offers Booklet

The textile chemical division of the Dexter Chemical Corporation, New York, is issuing a booklet, "Mercerizing and Dypenol," which will be sent to any individual on request.

OPA Reconversion Pricing Order Revised

OPD Washington Bureau

The reconversion pricing order, revised supplementary order No. 119, has been amended to permit applications for further adjustments if the price originally granted under the order appears unsatisfactory after three months' operation at 90 percent of the manufacturer's 1941 rate of production, the Office of Price Administration announced. Effective March 25, 1946, the order will no longer provide that manufacturers who receive reconversion price adjustments under that order may not apply for additional adjustments on the same products under any other order or regulation.

The amount of any additional adjustments granted will depend on the standards set up in the regulation or order under which the manufacturer applies, OPA said. Three months' operation at the specified rate should be adequate to enable OPA to apply the normal adjustment standards, the agency explained. This does not mean that abnormal costs will then be taken into account, since OPA has consistently removed such costs before calculating the amount of any adjustment.

Battelle Institute Gets Naval Ordnance Award

In recognition of "distinguished service to naval ordnance development," Battelle Memorial Institute, Columbus, Ohio, has been presented the Naval Ordnance Development Award by the Navy Bureau of Ordnance. In addition, some forty members of the Battelle staff have received individual awards from the Bureau of Ordnance for the special parts they played in the prosecution of naval ordnance research. The Navy Ordnance Development Award is the fifth of a series of awards presented the institute in recognition of its war service.

Citro Chemical Company of America has appointed A. T. Nielsen plant superintendent.

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FTC Tradename

—Continued from page 3

statutes, judicial review is limited. It extends no further than to ascertain whether the commission made an allowable judgment in its choice of the remedy.

As applied to this particular type of case, it is whether the commission abused its discretion in concluding that no change 'short of excision' of the trade name would give adequate protection. The issue is stated that way for the reason that we are dealing here with tradenames which are valuable business assets. The fact that they were adopted without fraudulent design or were registered as trademarks does not stay the commission's hand. But the policy of the law is to protect them as assets of a business indicates that their destruction "should not be ordered if less drastic means will accomplish the same result." The problem is to ascertain whether that policy and the other policy of preventing unfair or deceptive trade practices can be accommodated. That is a question initially and primarily for the commission.

Review Powers Limited

Congress has entrusted it with the administration of the act and has left the courts with only limited powers of review. The commission is the expert body to determine what remedy is necessary to eliminate the unfair or deceptive trade practices which have been disclosed. It has wide latitude for judgment and the courts will not interfere except where the remedy selected has no reasonable relation to the unlawful practices found to exist. But in the present case, we do not reach the question whether the commission would be warranted in holding that no qualifying language would eliminate the deception which it found lurking in the word "Alpacuna." For the commission seems not to have considered whether in that way the ends of the act could be satisfied and the tradename at the same time saved.

We find no indication that the commission considered the possibility of such an accommodation. It indicated that prohibition of the use of the name was in the public interest since the cease and desist order prohibited the further use of the name. But we are left in the dark whether some change of name short of excision would in the judgment of the commission be adequate. Yet that is the test. Its application involves the exercise of an informed, expert judgment. The commission is entitled not only to appraise the facts of the particular case and the dangers of the marketing methods employed but to draw from its generalized experience. Its expert opinion is entitled to great weight in the reviewing courts. But the courts are not ready to pass on the question whether the limits of discretion have been exceeded in the choice of the remedy until the administrative determination is first made.

Ammonium Sulphate

—Continued from page 5

needed in Japan and the rest in the American-occupied area of Germany. In spite of inadequate production for our own needs, he added, the army is "putting the heat" on the Department of Agriculture to get at least part of its request filled. Critically, he continued:—

The irony and absurdity of the whole situation is that with any sembiance of intelligent planning on the part of the administration, this situation could have been avoided.

Ammonium sulphate is made from synthetic ammonia and sulphuric acid. Both these chemicals go into the manufacture of ammunition. Many plants to produce them in tremendous quantities were constructed and operated during the war.

Had these plants been continued in operation to produce fertilizer—as would certainly have been done by any intelligent food administrator with authority to order such action—we would have produced enough ammonium sulphate to meet our own requirements and most of the foreign demand as well.

There are six government-owned ammonia plants standing idle now with a combined capacity of 436,000 tons of pure nitrogen per year. In terms of ammonium sulphate, this is equivalent to more than 1,700,000 tons of that essential fertilizer material.

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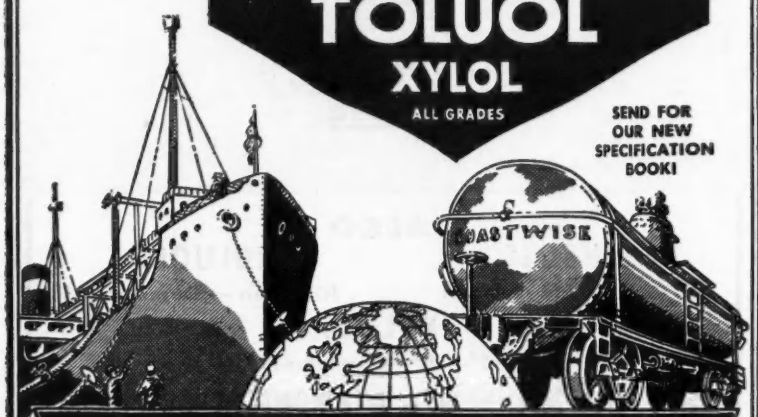

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Agricultural Chemicals

Seasonal Spring weather has stimulated demand for mixed fertilizer in this section, but the movement appears to be a little late in some parts of the South. Overall supply situation is exceedingly tight in basic materials. Insecticides are more uncertain as to future stocks owing to labor strikes i nsome of the key industries. Arsenic, copper and copper sulphate production has been cut back by labor difficulties.

Exports of fertilizers and fertilizer materials from the United States in 1945 totaled 1,026,000 tons, valued at $18,237,000, according to a summary prepared by the National Fertilizer Association. Both the tonnage and value were the largest reported for any year since 1941. Tonnage was only 60 percent as large as the average in 1935-39, reflecting the fact that some of the most important pre-war markets were still cut off. The end of the war brought a sharp rise in fertilizer exports, with the total for the last half of 1945 being double those of the first half of 1945. Statistics on exports include shipments under the lend-lease program and fertilizer shipped for UNRRA. Lend-lease shipments in 1945 amounted to 170,000 tons with a stated valuation of $2,878,000. There was shipped for UNRRA for the rehabilitation work in Europe a total of 73,000 tons valued at $1,099,000. The largest increase in 1945 over 1944 was in exports of nitrogenous materials. Phosphate rock and prepared mixtures were shipped in moderately larger quantities; potash exports declined somewhat.

Imports of fertilizer materials rose in each of the last four years, the National Fertilizer Association reports, indicating the large demand for fertilizer in this country. The 1945 imports, totaling 1,665,000 tons valued at $43,331,000, were the largest for any year since 1938. It should be noted in this connection that potash imports, which amounted to 425,000 tons in 1938 had dwindled to less than 7,000 tons in 1945.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

(For Current Prices see page 9)

Nitrogenates

Ammonia Sulphate—Market tight with no reserve inventories. Output close to normal with contract shipments dependent on current production. Exports for year 1945 totaled 20,753 tons, with Cuba and Mexico the largest buyers. Importations from Canada last year amounted to 118,879 tons.

Dried Blood—Short stocks have curbed trading in this market. Production is restricted and very little stock has reached the open market. Importations in 1945 were 2,755 tons, Argentina being the largest exporter to the U. S.

Fish Scrap—Sales are reported on a when and if basis at the full ceiling price. It is expected that more boats will operate during the fishing season, as the government returned coast guard ships and has removed restrictions from time and shore distance.

Guano—Importations of this material in 1945 amounted to 3,094 tons, mostly from Labrador and Newfoundland. The imports were valued at $186,804.

Soda Nitrate—Total imports from Chile in 1945 amounted to 849,880 tons. The present supply is short with demand active enough to prevent any building up of inventories. Shipments have remained somewhat behind schedule, leaving the market in a tight position.

Tankage—Lessened meat production has kept the supply of packing-house by-products definitely low and tankage has found a ready market for feeding requirements whenever available. Importations last year amounted to 10,451 tons. Argentina was the largest contributor with Uruguay next.

Phosphates

Phosphate Rock—Exports of phosphate rock in December registered 35,826 tons. Included were 17,636 tons of land pebble and 18,190 tons of other rock. For the same month in 1944 total exports were 23,465 tons. Exports for the year 1945 amounted to 551,910 tons, compared with 491,953 tons in 1944. Canada was the largest buyer with Australia second and New Zealand third. The current market has remained tight with demand heavy. The reduced inventories have forced present production to satisfy requirements.

Superphosphate—Marked upturn in production continued in January, with output in that month exceeding any previous January. According to the NFA production in the first seven months of the current fertilizer year, July through January, was 18 percent higher than the preceding year, and was the largest for a like period of any year. Exports of normal in December were 11,118 tons and 14,622 tons of concentrated. Exports for 1945 showed 134,830 tons of normal and 72,326 tons of concentrated, against a combined total of 205,922 tons in 1944. The market gave no sign of supply easement under a steady demand. Supplies in the South were reported exceedingly short in some areas.

Potashes

While demand has continued active, the movement has been confined to regular contracts. There seems to be no left over material in the resale market and the supply situation was definitely tight. Exports of muriate for December amounted to 9,449 tons and 2,101 tons of other sorts. Total exports for the year 1945 were 85,343 tons of muriate and 19,344 tons of other sorts. Importations for 1945 were 6,861 tons of muriate, all from Russia.

Insecticides

While production of coaltar chemical insecticides has been almost restored to normal, the possibility of a coal strike early in April has again made the outlook uncertain. Continued labor disturbances in some key raw materials have lent additional uncertainty to supply prospects. A good part of the arsenic production has been curtailed by labor difficulties and copper output has been substantially reduced. According to the Agricultural Insecticide and Fungacide Association News Bulletin, other strikes affected a number of materials less directly, as in their processing or the production of some ingredient. Still other bottlenecks, all aggravated by conditions at this time include packaging, transportation, labor shortage and distribution. Some hope was reported for Swedish arsenic late in May, but conditional on shipping and government regulations.

Japanese performed badly in British Malaya with respect to derris, a plant containing the natural and widely used insecticide rotenone, according to the chemicals and drugs division of the Department of Commerce. As a result of Japanese neglect of estates comprising about 2,500 acres, the root of the derris plants will deteriorate within the next six months if not given proper care. Plantings of derris in Malaya run up to 4,200 acres. Fortunately there are stocks of derris in the country, estimated at 175 tons, and these stocks will shortly be moved to London for the account of the Ministry of Supply.

Sulphur and Pyrites

Stocks of sulphur have been able to meet a heavy demand promptly both for agriculture and for industry. So far the movement from mines has been free and has not been bottlenecked by a shortage of freight cars of any type. Pyrites has found a steady demand from regular consumers. Quotations were unchanged.

For Late Market Developments, See Page 4

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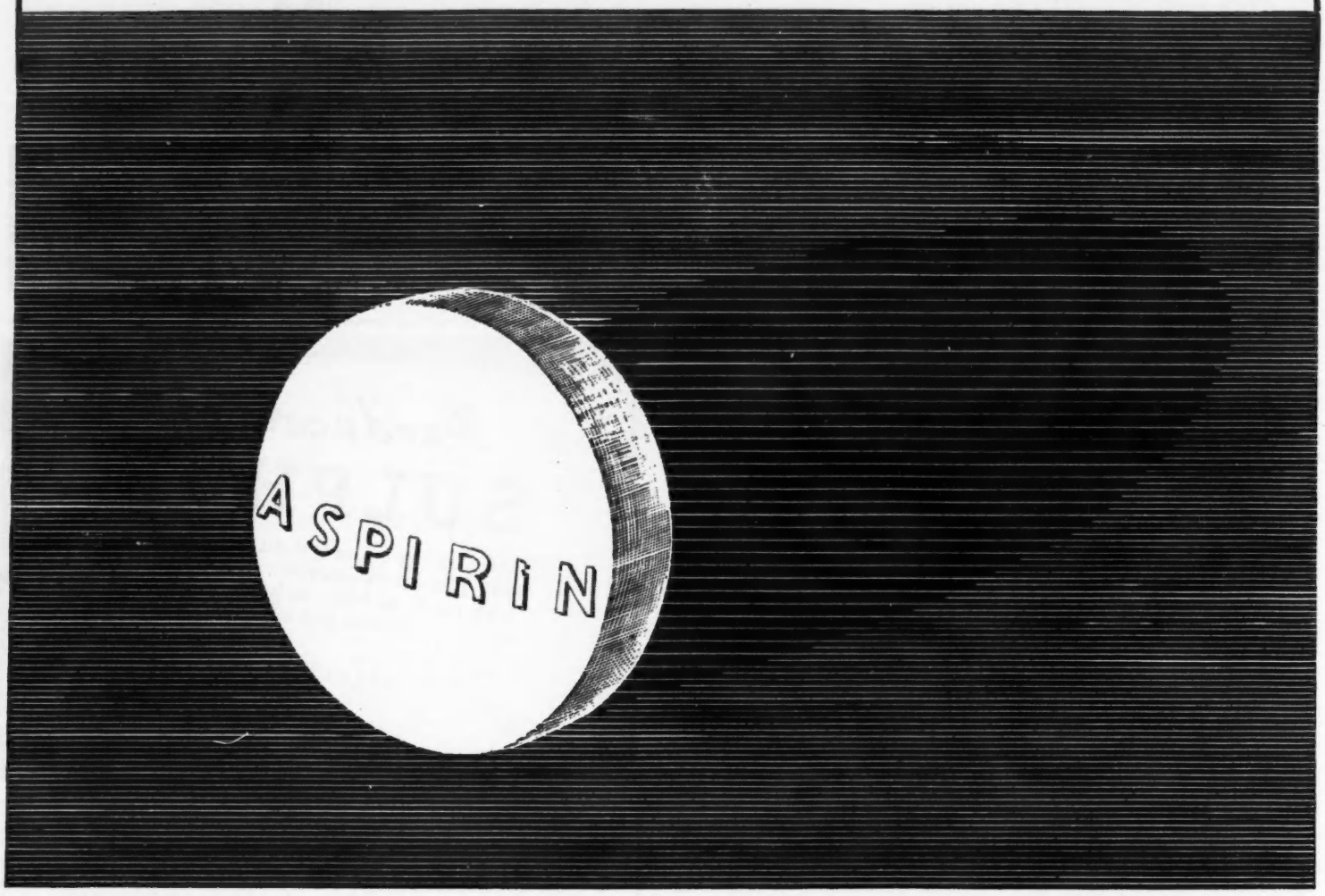

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Drugs and Fine Chemicals

Export business continued to apply to this market for substantial quantities of drugs and fine chemicals—in addition to a host of related and unrelated products which the four corners of the world seem to have gone without or been forced to be content with little. Domestic demand was excellent, also, contributing to the maintenance of a satisfactory total volume of trade. The price structure remained firm.

January production totals on a number of chemicals were released by the United States Tariff Commission. Production in that month exceeded December output in the instances of acetone, acetylsalicylic acid, ergosterol, technical and USP ethyl ether, formaldehyde, synthetic methanol, penicillin, and sulphathiazole. That of ethyl acetate and natural methanol was less.

Spot quicksilver was higher, to bring values more in line with the cost of domestic metal, but on the heels of that development came news of an easing of Spanish quicksilver prices. Synthetic ether was lower. Menthol seemed reasonably steady but moderate demand led to occasional reports of prices being shaded. Tartar products held very firm and the raw material markets of the world appeared to be unable to offer more goods and utterly opposed to accepting lower prices.

Alcohol demand had a broad trend that could not be met were it not for withdrawals being made from the government stockpile. The Civilian Production Administration tightened its control of cadmium metal by creating a specific list of products on which "CC" ratings may be issued to procure metal. Castor oil sold heavily and future needs ranged high. Bean imports ran ahead of those a year ago.

The official figures on penicillin production in January were highly welcome since the increase over December output was exceptionally sharp and carried promise of an early ending of the recent shortage.

Acetanilide—The March 25 report of the U. S. Tariff Commission stated that January production of technical and U.S.P. material totaled 632,255 pounds.

Acetone—January production was 25,846,431 pounds, comparing with 25,591,935 pounds in the previous month, according to the March report of the U. S. Tariff Commission.

Acid, Acetylsalicylic—January output was 986,368 pounds, against 910,287 pounds in the previous month, according to the March report of the U. S. Tariff Commission.

Acid, Ascorbic—The March report of the U. S. Tariff Commission provided no January production figures on this article. In the previous month output was 58,231 pounds—a decline from November.

Acid, Mandelic — Movement was about normal and requirements had a good-sized reserve upon which to draw. Prices were well maintained in the absence of competition or a more favorable cost of production.

Acid, Nicotinic—January production figures compiled by the U. S. Tariff Commission include the output of niacinamid. The total of the two produced in that month was 69,498 pounds. No comparative figures for December were available.

Acid, Tartaric—The tendency toward competition was possibly slightly less than it recently had been between domestic and imported acid. However, the Spanish situation remains in statu quo and traders appear to be awaiting the next development.

Alcohol—A broad consuming market lies ahead—one that supplies in their present volume will meet only by grace of the government stockpile. Present availability of molasses being considered, production by the regular manufacturers of industrial alcohol cannot be expanded anywhere near enough to of themselves cope with consuming requirements of the country. At this time, a market appears to await every gallon of alcohol available.

Ammonia Chloride—Considering the season, business in the U.S.P. article was quite active and added to the generally satisfactory sales totals for medicinal items.

Argols—No weakness exists in any of the world's markets. Points open to the United States for purchase operations are notably firm to strong in price views and that condition is aided by the substantial amount of international competition for raw materials for making tartar products.

Butyl Alcohol—According to the March report of the U. S. Tariff Commission, January production totaled 9,588,995 pounds. The commission provided no December figures to serve as a comparison yardstick.

Cadmium—Further to protect essential users of cadmium metal, the Civilian Production Administration on March 22 revoked the cadmium order M-389 and simultaneously established a specific list of products on which "CC" ratings may be issued to procure metal. The products are listed in a newly issued Direction 13 to Priorities Regulation 28. Under the M-389 order, all users of cadmium were on an equal basis and there were no provisions made for essential users. By the action of March 22, these are eligible for the special priorities assistance.

Castor Oil—Demand for oil ran high and is expected to be especially aggressive on the part of those using the item in production of protective coatings. Arrivals of beans last week totaled 10,825,050 pounds, bringing the total since January 1 to 67,053,300 pounds. During the corresponding period a year ago, the total imported was 50,839,700 pounds.

Chicago, March 27.—Castor oil prices are: — Cold pressed, U.S.P., 15c. per pound, returnable drums, carlots: 15¾c., drums, less than carlots; tanks, 14¼c.; No. 3, extracted, 14¾c., drums, carlots; 15c., drums, less than carlots; 14c., tanks.

Dibutyl Phthalate—The March production report of the U. S. Tariff Commission contained no statement of January production of this article.

Ether—Synthetic U.S.P. ether has been reduced to 9c. per pound in tanks; drums, carlots, 11c.; less than carlots, 12c. Quotations were on a freight allowed basis.

Ergosterol — Irradiated material in the amount of 3,101,831 million units was produced in January, according to the March reporter of the U. S. Tariff Commission. This compared with 1,388,699 million units produced in the previous month.

Ethyl Acetate—Output of 85 percent material in January was 6,420,602 pounds, which compared with December production at 7,109,375 pounds—as reported by the U. S. Tariff Commission in its March production report.

Ethyl Ether—Technical and U.S.P. material in the amount of 3,313,097 pounds was produced in January, according to the U. S. Tariff Commission. In the previous month, output had been 3,020,034 pounds.

Fishliver Oils—Demand took offerings with better than a fair degree of promptness and no market was able to report a surplus of either processed oils or raw materials for oil production.

San Francisco, March 27.—The supply situation on livers remains unchanged and likewise the demand for oil. The market was quiet due to lack of offerings.

Formaldehyde—The January output of material 37 percent by volume totaled 39,210,905 pounds, according to the U. S. Tariff Commission. In the previous month production was 29,252,064 pounds.

Glycerin—Demand and supply were out of joint and conditions relating to domestic activity hold but remote promise for an increase in refined glycerin stocks in the near future. It could be that importation of refined glycerin may increase—although in view of the world shortage of oils and

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

Quicksilver, $4 per flask.

Prices Reduced

Ether, synthetic, 3½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
209.5	209.2	208.4	222.4

(*For Current Prices see page 9*)

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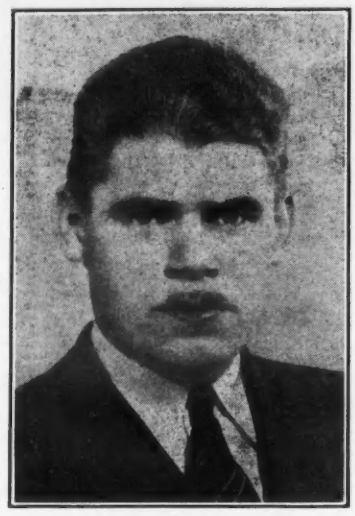
Iodine Sales Manager



E. L. Collins has been named iodine sales manager for the Chilean Nitrate Sales Corporation, New York. He has been with the company for fifteen years.

fats suitable for soapmaking, foreign production of refined glycerin should be at least as difficult as in the United States.

Chicago, March 27.—Glycerin prices are:—C.p., tanks, 18c.; drums, c.l., 18¼c.; l.c.l., 18¾c.; high gravity, tanks, 17½c. to 18c.; drums, c.l., 17½c. to 18c.; l.c.l., 18c. to 18¾c. Chemically pure, 18c. per pound, tankcars; 18¼c., drums, carlots; 18¾c., drums, less than carlots.

Menthol—Although occasional shading of $5 per pound has been reported, the market as reported by most factors is basic at $5 with a range to $5.25 noted according to seller and quantity. No major activity on the part of consumers is current at the moment.

Methanol—According to the U. S. Tariff Commission, January production of natural methanol was 1,402,481 pounds, which compared with 1,568,355 pounds produced in December. The figures for synthetic methanol were 48,054,166 pounds in January against 45,304,861 pounds in December.

Penicillin—January production jumped sharply over that in December, according to the March report of the U. S. Tariff Commission. The output in January totaled 1,513,005 million units, which compared with 841,129 million units produced in December.

Quicksilver — Spanish prices declined. The spot market ranged $108 to $109 per flask which was in line with the mines' quotations and not out of line with the comparative scarcity of unsold metal at production points.

San Francisco, March 27.—The quicksilver market retains its steady tone. Inquiry remains good, but supplies are off. Very little spot metal was available. Metal was being quoted between $104 and $105 per flask, San Francisco.

Quinine—Military troops occupied all the built-up area of southern Bandoeng which had been heavily damaged by fires set by the "Indonesian Republic" army. Spokesmen reported the fire damage as "appalling." Bandoeng is the center of quinine production in the Netherlands East Indies.

Sulpha Drugs—The U. S. Tariff Commission in its March report gave January production figures on sulphathiazole as 191,548 pounds, which compared with the December output of 178,939 pounds. Production of all other sulpha drugs, excepting sulphanilamide, totaled 244,052 pounds in January. No December figures were available for comparative purposes.

Trade Briefs

Biological Laboratories, Inc., has been organized in Brooklyn by J. S. Meadow, J. K. Johnson and S. Zuckerberg.

Atlas Powder Company, Wilmington, Del., has published "Drug and Cosmetic Emulsions," which is available at $1 per copy.

General Detroit Corporation, manufacturer of fire-fighting equipment, Detroit, Mich., has named Robert Leggat-Weir as assistant sales manager and Preston W. Wolf as assistant sales promotion manager.

Tilston Named Vice-President Of Sterling Distributors

Major Frederick A. Tilston has been appointed vice-president of Sterling Distributors, Ltd., Canada, a subsidiary of Sterling Drug, Inc., Detroit. He was associated with the Sterling organization for eleven years prior to his entering the service in 1941.

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Recent Imports

—Continued from page 4

GLANDS, POWDERED—2 cs, Armour & Co

GLUE, BONE—300 bgs, Transatlantic Animal By-Product Co; hide, 700 bgs, Transatlantic Animal By-Product Co

GLUESTOCK—121 bls, Darmstadt, Scott & Courtney; hide, 210 bgs, Atlantic Gelatine Co

GRAPHITE—1,000 bgs, Asbury Graphite Mills; 750 bgs, Joseph Dixon Crucible Co; 1,583 bgs, Charles Pettinos; 20 cks, Eagle Pencil Co

GREAVES—6,310 cakes, Weaver & Hugi

GUM—11 bbls, Herman Weber & Co

HENNA LEAVES—39 bls, J L Hopkins & Co

HOREHOUND HERB—8 bls, J L Hopkins & Co

ILMENITE SAND—7,460 tons, National Lead Co

IPECAC ROOT—9 bgs, Wessel, Duval & Co

IRON OXIDE—91 bgs, C B Chrystal & Co; 114 bgs, C K Williams & Co; 100 bgs, Whittaker, Clark & Daniels; 36 bgs, C B Chrystal & Co

JABORANDI LEAVES—78 bls, Inland Alkaloid Co; 54 bls, R J Prentiss & Co

JUNIPER BERRIES—1,420 bgs, Hambros Bank; 260 bgs, National City Bank; 489 bgs, Kachurin Drug Co; 250 bgs, United States Commercial Co; 260 bgs, Brown Bros-Harriman Co

KARAYA GUM—266 bgs, Innis, Speiden & Co; 200 bgs, S B Penick & Co; 266 bgs, Jacques Wolf & Co; 45 bgs, Philipp Bros; 200 bgs, Gold Medal Haarlem Oil Co; 133 bgs, Wm M Allison & Co; 66 bgs, Wessel, Duval Co

KAURI GUM—58 bgs, U S Industrial Chemical, Inc

KETRA GUM—1 bl, Herman Weber & Co

LAC, GARNET—305 bgs, Wm Zinsser & Co; seed, 125 bgs, Schwab Bros Corp; 200 bgs, Gillespie-Rogers-Pyatt Co; 500 bgs, Mac Lac Co; 123 bgs, Rafli Bros; 140 bgs, Commercial National Bank & Trust Co; 6 bgs, Bank of London & South America; shell, 240 bgs, Gillespie-Rogers-Pyatt Co; 710 bgs, Wm Zinsser & Co; 280 bgs

LIMEJUICE—147 bbls, Barclay Bank; 70 cks; 50 cks, Crosse & Blackwell

LIME OIL—25 cs, Barclay Bank; 4 cs, Bank of the Manhattan Co

MACE—21 cs, R T French Co; 39 cs, A G Dunn; 27 cs, Catz American Co; 22 cs, H P Winter & Co; 14 cs, Victory Shipping Co; 14 cs, Knickerbocker Mills Co; 7 cs, E Miltenberg & Co

MANGANESE ORE—5,000 tons, E J Lavino & Co; 4,750 tons, Bethlehem Steel Co

MANGROVE BARK—1,200 bgs, Barker Importing Co; 400 bgs

MANIOC STARCH—6,683 bgs, Morningstar, Nicol, Inc; 1,667 bgs, Geismer & Co; 417 bgs, H F R Dolan; 1,000 bgs, Java American Export Co

MARJORAM LEAVES—208 bgs, W R Grace & Co

MICA—276 cs, Ford Radio & Mica Corp; 1,597 cs, J F Garneau Co; 31 cs, United Mineral & Chemical Co; 9 cs, Eugene Munsell & Co; 139 cs, A O Shoonmaker Insulation Co; 42 cs, American Mica Works; 36 cs, W S Insulation Mfg Co; block, 9 cs, Overseas Metal & Ore Corp; splittings, 500 cs, Schwab Bros Corp; 165 cs, Eugene Munsell & Co; 500 cs, Cornelis & Suhr

MOSS—60 bgs, Kachurin Drug Co

MYROBALANS—1,280 bgs, Hammond & Carpenter; 4,000 bgs, Barkey Importing Co

NIGERSEED—539 bgs, G T German

NUTMEGS—74 bgs, A G Dunn; 278 bgs, B H Old & Co; 51 bgs, Euclid Food, Inc; 18 bgs, C M Van Sillevoldt; 100 bgs, W J Bush & Co; 185 bgs, Geo Lueders & Co; 150 bgs, Catz American Co; 23 bgs, Middleton & Co; 23 bgs, McLaughlin, Gormley & King; 19 bgs, Van Loan & Co; 67 bgs, Norda Essential Oil & Chemical Co; 12 bgs, Gillespie & Co; 25 bgs, Fritzsche Bros; 14 bgs, East India Trading Co; 117 bgs, C T Wilson & Co; 100 bgs, Thomas Scott & Co; 201 bgs, Catz American Co; 195 bgs, Otto Gerdau Co; 48 bgs, Victory Shipping Co; 150 bgs, Thomson-Taylor-Warfield Co

OITICICA OIL—252 dms, W R Grace & Co; 1,258 dms, Brazil Oiticica Co

OLIBANUM GUM, SIFTINGS—10 bgs, Wm M Allison & Co; 50 bgs, Padower Trading Co

OLIBANUM GUM, TEARS—132 cs, E Meer & Co; 13 cs, Wm M Allison & Co

ORANGE PEEL—17 bgs, E Meer & Co

ORRIS ROOT—43 bgs, Kachurin Drug Co; 63 bgs, Bank of the Manhattan Co

OURICURY WAX—176 bgs, Cornelius Product Co; 56 bgs, Avon Trading Co; 236 bgs, W R Grace & Co; 56 bgs, Smith & Nichols; 350 bgs, Wessel, Duval & Co; 62 bgs, F B Ross Co; 60 bgs, Wax & Rosin Products; 99 bgs, Prague Credit Bank; 94 bgs, J Henry Schroeder Banking Corp; 60 bgs, Innis, Speiden & Co

OXGALLS—4 cks, Maltbie Chemical Co; 36 trcs, Wilson & Co; 5 cks, American Ferment Co

PALMAROSA OIL—22 pots, Valkar & Bros

PAPAIN—12 half chests, McKesson & Robbins; 54 cs, W E Martin & Co; 9 cs, C L Huisking & Co; 40 cs, R J Prentiss & Co; 76 cs, S B Penick & Co

PAPRIKA—100 bgs, Frank Tea & Spice Co; 150 bgs, Levy & Levis Co; 350 bgs, Victor M Calderon Co; 200 bgs, Joensson & Cross; 200 bgs, Otto Gerdau Co; 550 bgs, Knickerbocker Mills Co; 500 bgs, Morris & Golombeck; 300 bgs, A G Dunn; 100 bgs, Euclid Coffee Co; 200 bgs, Basic Food Material, Inc; 500 bgs, McCormick & Co; 250 bgs, J Weinstein; 110 bgs, Baltimore Spice Co; 50 bgs, J K Laudenslager; 100 bgs, F H Leggitt & Co; 100 bgs, B C Ritchie & Co; 1,339 bgs

PAREIRA BRAVA ROOT—25 bgs, Wm M Allison & Co

PATCHOULI OIL—3 dms, Brown Bros & Harriman Co; 1 dm, Schimmel & Co; 1 dm, Dodge & Olcott Co

PEPPER, RED—99 bgs, Becker-Mayer Seed Co

PERILLA GUM—70 bgs, J M Santo Domingo & Co; 60 cs, Chicle Development Co

PETROLEUM, CRUDE—119,960 bbls, Gulf Oil Co; 300,379 bbls, Standard Oil Co of N J

PYRETHRUM FLOWERS—750 bls, J Powell & Co; 750 bls, R J Prentiss & Co; 375 bls, McLaughlin, Gormley & King; 125 bls, Allaire Woodward & Co; 1,500 bls, Dodge & Olcott Co; 280 bls, United States Commercial Co

QUEBRACHO EXTRACT—21,371 bgs, Tannin Product Export Co

RAPESEED—738 bgs

RESIN—141 cs, L W Dumont & Co

ROSEMARY OIL—16 pkgs, Edward Remus

SABADILLA SEED—140 bgs, Royal Bank of Canada

SADDLE SOAP—35 cs, Overseas Commerce Co

SANDALWOOD—56 bgs, S B Penick & Co; 200 bgs, Dodge & Olcott Co

SASSAFRAS OIL—5 dms, S B Penick & Co

SCHEELITE ORE—43 bgs, Standard Bank South Africa

SENNA LEAVES—40 bls, Bank of London & South America; 266 bls, R J Prentiss & Co; siftings, 18 bls, Bank of London & South America

SHARK LIVERS—33 bbls, Biological Product Co

SOAP BARK—63 bgs, S B Penick & Co; chips, 100 bgs, Lamman & Kemp

SPERM OIL—427 dms, Warner Smith Co

SQUILL—175 pkgs, United States Commercial Co

STRAMONIUM LEAVES—26 bls, 22,000 lbs, R J Prentiss & Co; 26 bls, S B Penick & Co

STROPHANTHUS SEED—42 cs, S B Penick & Co

TAMARINDS IN MOLASSES—24 cks, S B Penick & Co; 22 bbls, Victory Shipping Co

TANNING EXTRACT—1,200 bgs, Tannin Product Export Co

TAPIOCA FLOUR—680 bgs, L Oppenheimer & Co; 1,000 bgs, H Landau; 417 bgs, H F R Dolan; 3,500 bgs, Morningstar, Nicol, Inc; 1,333 bgs, Bush Terminal Co; 1,584 bgs, F R Dolan; 6,142 bgs, H S C Trading Co; 1,667 bgs, Sino Java Handel; 1,000 bgs, Stein, Hall & Co; 200 bgs, Industrial Trust Co; 500 bgs, Bank of the Manhattan Co; 835 bgs

TEAWASTE—3,014 bgs, Chemical Bank & Trust Co; 2,380 bgs, Maywood Chemical Works

THEOBROMINE—202 cs, Lo Curto & Funk

TONKA BEANS—64 bbls, Machardo & Co

TUNG OIL—130 dms, Bunge Corp

VANILLA BEANS—10 cs, Gillespie & Co; 1 cs, Barclay Bank

VETIVER ROOT—8 bls, J L Hopkins & Co

VEGETABLE WAX—29 bgs, Paul & Stein Bros

WATTLE BARK—8,773 bls, Hammond & Carpenter; extract, 8,184 bgs, Barkey Importing Co; 3,139 bgs, Guaranty Trust Co; 2,029 bgs, American Dyewood Co; 2,100 bgs, Guaranty Trust Co

WAX, BEES—330 bgs, Will & Baumer Candle Co; 84 blocks, E A Bromund Co; 40 bgs, Manufacturers Trust Co; 300 bgs, National City Bank; 68 bgs, Lenape Trading Co; 18 bgs, Chase National Bank & Trust Co; 600 bgs

WHITING—6,000 bgs, Nicolas H Witzner

WOOL GREASE—150 dms, Faesy & Besthoff

ZEDOARY ROOT—40 bgs, S B Penick & Co; 261 bgs, Irving Trust Co

Baltimore Imports

CHROME ORE—14,562,780 lbs, Philipp Bros

PAPRIKA—110 bgs, Baltimore Spice Co

WATTLE BARK—2,757 bls, Guaranty Trust Co

Los Angeles Imports

IRON OXIDE—100 bbls, 58,520 lbs; 250 kgs, 30,250 lbs

Norfolk Imports

CHROME ORE—3,360,000 lbs, Philipp Bros

Philadelphia Imports

CHROME ORE—8,000 tons, Central Hanover Bank & Trust Co; 3,002 tons, E J Lavina & Co

HEMPSEED—665 bgs, Philadelphia Seed Co, Inc

KAURI GUM—4 cs, J Meyer & Son; 55 bgs

WATTLE BARK—5,501 bls, 1,120,080 lbs, American Dyewood Co; extract, 102 pkgs, 11,220 lbs, American Dyewood Co; 2,033 pkgs, 222,840 lbs, Bank of New York

Export-Import Distribution Booklet Issued by OIT

OPD Washington Bureau

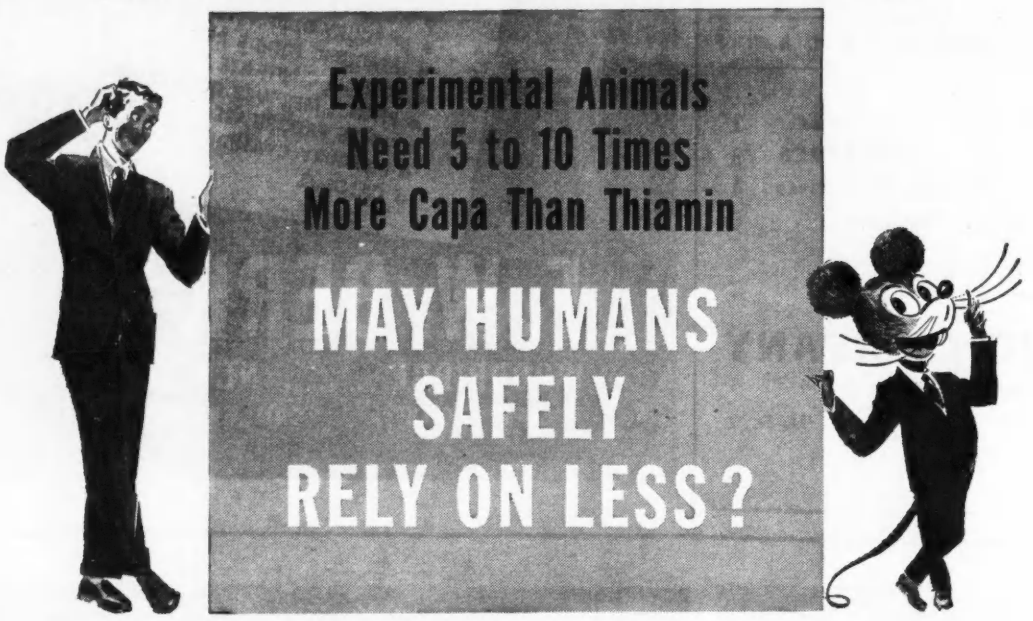
Different methods of distributing both exports and imports, including the direct method through separate departments or organizations within a company, and the indirect method through agents and other types of representatives, are described in a booklet, 'Channels for Trading Abroad,' issued by the Office of International Trade of the Department of Commerce. The booklet can be obtained for 10 cents from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Smith Heads Chemical Dept. Of Position Securing Bureau

Dr. Arthur M. Smith, formerly vice-president and technical director for Synthetic Nitrogen Products Corporation, New York, has joined Position Securing Bureau, Inc., New York, as placement manager in charge of the chemical department.

Wirebound Box Makers Have Specification Manual

To assure shippers of safe packing of their products and to help conserve the critical lumber supply, the Wirebound Box Manufacturers Association has published a new minimum specifications manual.



Though the actual human requirement for "Capa" remains uncertain, published experimental evidence strongly suggests that *truly effective* vitamin therapy requires a liberal amount of "Capa" in any multi-vitamin formula. Five animal species are known to require approximately five to ten times more "Capa" than thiamin. And — equally important — "Capa" deficiency, from species to species, is known to impair the function of heart, kidneys, stomach, intestines, skin, nervous system and certain glands—a variety of symptoms indicating strongly that Pantothenic acid is fundamental to life itself.

Follow the trend of the evidence. Take into careful consideration the established ratio between the "Capa" and thiamin requirements of experimental animals—5 to 10 times more "Capa" than thiamin—when producing your multi-vitamin products.

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- CALCIUM PANTOTHENATE DEXTROROTATORY-NOPCO is a *pure, white, odorless, crystalline, 100% active salt.*
- dl-CALCIUM PANTOTHENATE-NOPCO is *a white, odorless, powder form, guaranteed 49% active, and capable of effecting a 20% saving in price.*

***IMPORTANT*—NOPCO also offers Beta-Alanine, important ingredient in pantothenate production.**

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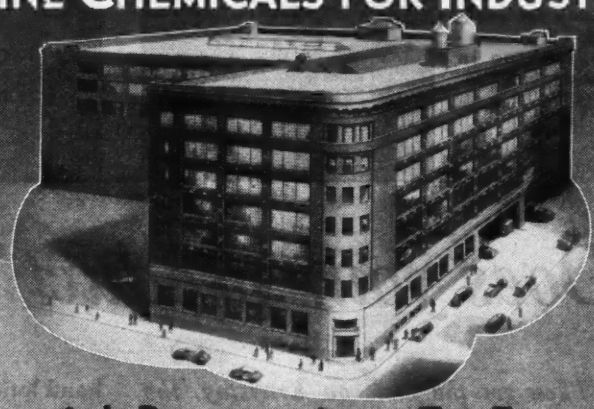

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These facilities as well as those of its chemical manufacturing plant at Edgewater, N. J., are at the command of chemists.

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Battelle Inst. Adds Dr. Powers to Staff

Dr. Paul O. Powers, for ten years chief of organic research for the Armstrong Cork Company, Lancaster, Pa., has been named to the staff of Battelle Memorial Institute, Columbus, Ohio, to aid in research on plastics, organic, synthetic resins, plasticizers and other phases of synthetic chemistry.

During the war, Dr. Powers was in charge of development work on new protective coatings for metal surfaces conducted by the Army Quartermaster Corps.

Du Pont Develops Foamed Plastic

E. I. du Pont de Nemours & Co., Wilmington, Del., has developed a new foamed plastic, called cellular cellulose acetate, which it claims is lighter than cork and still has excellent compressive strength.

Opium Order Forms Missing

The commissioner of narcotics of the Treasury Department has issued narcotics circular No. 281, which is an addition to the order forms for opium reported lost, stolen or in possession of persons not entitled to receive narcotic drugs, as reported in circular No. 277, dated July 2, 1945.

F.W. Ensey Retires From McCormick & Co.

Fred W. Ensey, for twenty-seven years director of advertising for McCormick & Co., manufacturer and importer of spices and disinfectants, Baltimore, has retired from active participation in the affairs of the company.

Paraffine-Schumacher Merger Approved by Stockholders

Stockholders of the Paraffine Company San Francisco, and the Schumacher Wallboard Corporation, Los Angeles, have voted to merge on a basis of one share of Paraffine for each three shares of Schumacher.

McGrath Joins Orbis

C. D. McGrath, jr., has joined the New England sales staff of Orbis Products Corporation, essential oils and aromatic chemicals, New York, and will make his headquarters in Boston. He was recently released from the navy as a lieutenant-commander.

Relief Shipments Not Subject to Export License

OPD Washington Bureau

Relief shipments by private agencies which are registered with President Truman's War Relief Control Board may be exported to all destinations except Germany and Japan without an individual export license, according to the Office of International Trade of the Department of Commerce. While there are no weight or dollar value limitations upon the relief shipments, certain items may not be exported. These include such scarce foods as sugar, animal and vegetable oils, medicines and pharmaceutical preparations in short supply.

Bristol-Myers Adds Burleigh to Staff

George N. Burleigh, recently released from the Army, has joined the sales staff of the Bristol-Myers Company, pharmaceutical manufacturer, New York, as analyst and statistician. The company also announces appointment of Manuel Bustillo as advertising manager for Latin America.

Imports Detained by FDA

Two Weeks Ended March 29

New York

Aconite root, 6 bales; moldy.
Cassia, 2,575 bales; insect infested; moldy—filthy.
Cassia oil, 41 drums; not U.S.P.
Chillies, 976 bags; insect infested and filthy.
Colombo root, 900 bags; insect bored.
Coriander seed, 300 bags; filthy.
Cumin seed, 28 bags; filthy.
Elder berries, 200 cases; insect infested.
Ergot, 3 cases; filthy.
Fenugreek seed, 133 bags; filthy.
Galangal root, 28 bags; insect infested.
Ginger peelings, 22 bags; moldy and insect infested.
Carrageen moss, 300 bales; filthy.
Mustard seed, 2,310 bags; filthy.
Mustard seed, 770 bags; contains ergot.
Mountain ash berries, 22 bags; insect infested.
Papaya juice, 29 cartons; bottles unlabeled.
Pimento, 340 bags; insect infested.
Senna pods, 25 bales; filthy.
Senna leaves, 271 bales; filthy.
Thyme leaves, 209 bags; not official variety.
Valerian root, 136 bags; filthy.

Philadelphia

Fluid extracts of burdock, meadowsweet, yellow dock, berberis aquifolium, 1 parcel; not properly labeled.
Gum myrrh, 27 bags; high ash.

Brown Instrument Names Two Industrial Managers

Brown Instrument Company, Philadelphia, has appointed O. J. Richardson and George W. Brown industrial managers at Detroit and Cincinnati, respectively. The company also has opened a sales and service office in Rochester, N. Y., under the supervision of Gerald L. Britton.

Formaldehyde Safety Data Sheet Issued by MCA

Manufacturing Chemists Association, Washington, D. C., has released a chemical safety data sheet on formaldehyde, the first of a series of product safety manuals prepared by the association's general safety committee.

KRAYSTAY...

improves display

Many a product after standing a short while on a merchant's display tends to "settle out" like this. Color and body separate, causing the product to appear watery, lacking in "eye-appeal."

The addition of Kraystay to many products would solve the "settling out" problem, *retain* suspension, and allow color and body to stay evenly distributed throughout the liquid, keeping an appearance of finer quality.

Does your product "settle out"?

Then get the facts on Kraystay, the remarkable new vegetable stabilizer Kraft makes with carrageenin.

You know that the display value of your product has a decided effect on sales. A product that "settles out" or looks watery or curdled does not have the buy appeal of one with evenly distributed color and body.

Kraystay is now being used by many progressive manufacturers of foods and pharmaceuticals requiring the use of a stabilizer, emulsifying, thickening or suspending agent. Kraystay is a vegetable product adaptable to use in cream lotions, hand lotions, tooth paste, and other cosmetics and pharmaceuticals. Many food manufacturers will find Kraystay ideal as a thickener for cream soups and pudding mixes, a gelling agent for jams, jellies and jellied meats and as a suspending agent in chocolate milk drinks.

FROM TINY FRONDS OF CARRAGEEN (edible Irish moss), gathered from the cold ocean floor, Kraft extracts a clear, pure vegetable gelose used in the manufacture of Kraystay. Modern scientific laboratory control insures the uniform high quality of this consistently efficient stabilizer.

LET KRAFT TECHNICIANS HELP YOU. If you have a product that requires the use of a colloid, call or write Kraft for information and free sample of Kraystay. Kraft Foods Company, 500 Peshtigo Court, Chicago 90, Illinois.

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(For further details see listings in OPD Green Book.)

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Streptomycin Allotment For Army Set at 30%

OPD Washington Bureau

Requests for supplies of streptomycin to be used in treating civilian cases no longer should be addressed to the Army Medical Department, which will be allotted only an approximate 30 percent of the March streptomycin production according to a War Department announcement.

In the allocation program recently announced by the Civilian Production Administration, limited supplies of streptomycin will be distributed to civilians through the Committee on Chemotherapeutic and other agents, Division of Medical Sciences of the National Research Council.

Dr. Chester S. Keefer, chairman of this committee, has been authorized to handle civilian requests for the drug, provided they are submitted by a physician who supplies sufficient technical information enabling Dr. Keefer to decide whether streptomycin is indicated in the treatment of the case.

All civilian inquiries and requests for streptomycin should be addressed to Dr. Chester S. Keefer, Evans Memorial Hospital, 65 East Newton Street, Boston, Mass.; telephone Kenmore 9200.

Opium Seized in Japan Valued at $7,000,000

Seven and one-half tons of contraband opium, valued at more than $7,000,000 have been seized by the criminal investigation division of Allied headquarters in Japan. The contraband was found in a raid on two Japanese ships in the port of Osaki. No report of the cargo had been made to the Allied command.

APhA 1945 Ebert Prize Awarded to Jannke

The 1945 Ebert prize of the American Pharmaceutical Association has been won by Dr. Paul Jannke, faculty member of the University of Nebraska college of pharmacy for his research on the sclerosing agent, sodium morrhuate. Howard Jensen, former graduate student now in the Navy, received special mention as collaborator and co-author of Dr. Jannke's experimental paper.

The presentation of the medal will be made at the APA's convention next August.

FDA Pharmacology Post For Dr. A.J. Lehman

OPD Washington Bureau

Appointment of Dr. Arnold J. Lehman as chief of the Division of Pharmacology of the Food and Drug Administration to fill the vacancy caused by the death last September of Dr. Herbert O. Calvery, is announced by Dr. Paul V. Dunbar, commissioner of the FDA.

Dr. Lehman was professor of pharmacology and director of teaching and research at the University of North Carolina Medical School. He holds scientific degrees from the Universities of Washington and Stamford and has been engaged in scientific research since 1925.

Pepsodent Discontinues Sale of 'Vimms'

The Pepsodent division of Lever Brothers Company, soap manufacturer, Cambridge, Mass., has discontinued sale of the vitamin product 'Vimms.'

Ozaphane Stock Vested

Fifteen shares of no-par-value common stock and 300 shares of $100 class B preferred stock of the Ozaphane Corporation of America, Dover, Del., have been vested by the Alien Property Custodian as property of Kalle & Co., A.G., Wiesbaden, Germany. The vesting order also covers unpaid dividends on the two lots of stock.

Bristol to Expand Plant

Bristol Laboratories, Inc., Syracuse, N. Y., will spend $1,000,000 for the expansion of its penicillin plant in that city.

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CARRAGAR is an agar-type gelatin which forms tender, fruit-like gels over a wide pH range. It does not require acidulation to produce desired results.

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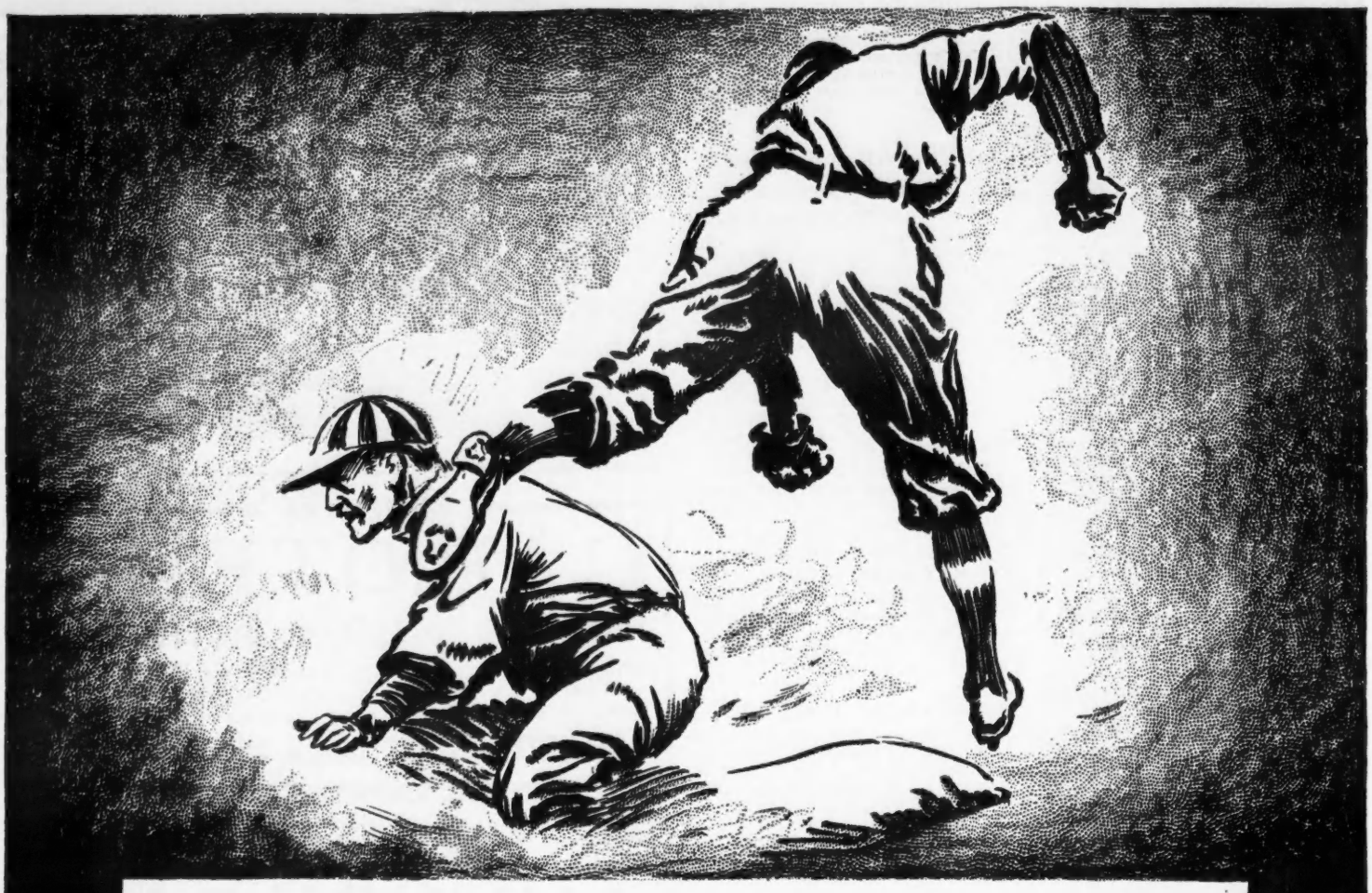

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We are "warming up" for the "first innings" of the new (crop) season. Don't wait for the "third strike" to take your "stance."

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Botanical Drugs, Spices, Gums

Some local dealers are disposed to review their market position at this time and the result last week was a substantial number of downward revisions in prices for medicinal botanicals. A number of advances were also forced on the market by the depleted supply of some articles and the forceful character of demand for them. Some of the price breaks were developments that followed first offerings of goods unavailable for some time past, but now supplied to a degree permitting restoration of competition between sellers. On the whole, the price trend was down in its total effect. It could also be that downward revisions may have an effect on primary market prices for new crop goods.

Some dealers have felt that more goods would be collected this year in world primary markets than was done last year. The season is early as yet and definite signs regarding collections have yet to develop. In this country, larger collection will depend on plenty of labor for field work and it is on that point that local opinion breaks. Some think more workers will be in the fields. Others see it quite the other way, saying that with plenty of jobs in industry being available, the return to laborious collection of drugs is highly doubtful. The only sure thing is that prices posted for payment in the primary market for new collections are definitely high at this time.

Balsams

Copaiba—The market position on South American balsam grew tighter, squeezing prices higher to the basis of $1.25 to $1.35 per pound.

Barks

Buckthorn—Some improvement in available supplies led prices toward shading and sellers quoted the market down at 45c. to 46c. per pound.

Sassafras—Good demand shrinking stocks and sending prices higher. Ordinary bark sold at 45c. to 50c. per pound and select went for 65c. to 75c.—the latter range prevailing according to sellers' price minimums.

Berries

Juniper—Prices were again minimum at 40c. per pound, but according to seller and quality, the range was to 70c.—the latter being for superior quality hand-picked goods.

Flowers

Calendula—One quarter on spot called the market $2 per pound and that appeared to be the break that many had expected to come in prices. The range as to seller was to $2.60.

Chamomile—Hungarian-type flowers were higher at 60c. to 65c. per pound and appeared to strengthen despite the fact that this is new crop season for South American production.

Gums

Arabic—Demand was routine but of fair volume and at prices rather firmer than recently was the case. Replacement costs have not become cheaper. Indeed the unsettled political situation in the Near East has a strengthening effect on values.

Mastic—None of the gum recently landed here has appeared in the godowns of local botanical gum dealers. The market remained purely nominal so far as spot delivery goods went.

Myrrh—Rather firmer prices reported from the source tended to strengthen local ideas on values.

Herbs and Leaves

Buchu—The substantial arrivals here in recent weeks has eased spot quotations and offerings at 80c. per pound, were made last week.

Coltsfoot—A spot delivery was to be had at 70c. to 72c. per pound but there was not much interest at the concession.

Henbane—Easing of prices was pronounced in one quarter where $1 per pound was quoted. The range was to $1.25.

Market Trends

Prices Advanced

Drugs

Chamomile flowers, Hungarian-type, 5c. per lb.
Fleaseed, India, blonde, ¼c. per lb.
Ginger root, African, ½c. per lb.
Sassafras bark, ordinary, 5c. per lb.
select, 5c. per lb.
Senega root, 5c. per lb.
Valerian root, India, 5c. per lb.

Other Articles

Cinnamon, Ceylon, 5c. per lb.
Cumin seed, Persian, ½c. per lb.
Laurel leaves, Portuguese, fair, 1½c. per lb.
Mustard seed, Danish, yellow, ¼c. per lb.

Prices Reduced

Drugs

Buchu leaves, 3c. per lb.
Buckthorn bark, 2c. per lb.
Calendula flowers, 60c. per lb.
Coltsfoot leaves, 2c. per lb.
Echinacea root, 5c. per lb.
Elecampane root, 5c. per lb.
Ergot, 10c. per lb.
Euphorbia pil, 3c. per lb.
Gelsemium root, 3c. per lb.
Henbane leaves, 35c. per lb.
Irish moss, prime, bleached, 5c. per lb.
Juniper berries, 5c. per lb.
Pulsatilla herb, 5c. per lb.
Rue herb, 3c. per lb.

Other Articles

Anise, star, 3c. per lb.
Caraway seed, Canadian, 3c. per lb.
Danish, 3c. per lb.
Dutch, 3c. per lb.
Celery seed, Indian, ½c. per lb.
Coriander seed, Peruvian, ½c. per lb.
Laurel leaves, Portuguese, fair, 1½c. per lb.
Marjoram, Chilean, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
279.0	281.9	277.8	236.7

(For Current Prices see page 9)

Hyssop—Further additions to spot stock have cost somewhat less money with the result that spot quotations have dropped sharply $1 to $1.25 per pound.

Peppermint—Some foreign leaves were offered from spot quarters last week, the price being $1.50 to $1.55 per pound. The last price quoted before the article disappeared was around 90c.

Pulsatilla—More competitive on the whole and lower in price at 60c. to 65c. per pound.

Rue—Limited quantities were in request and one quarter reported new business done at the lower level of 45c. to 50c. per pound.

Miscellaneous

Cantharides—A local botanical dealer confirms business done in whole Russian flies at $9 per pound.

Ergot—Detentions continue to crop up on almost every arrival. However, it appears that the recent advance overran market possibilities for business. Last week, prices were down to $1.65 to $1.70 per pound.

Irish Moss—Importations from European sources have restored holdings of spot good so substantially as to create competition for business. Quotations on prime bleached moss were reduced to 30c. to 35c. per pound last week.

Papain—Most sellers refused deliveries under $4.50 per pound but others at least quote the market minimum at $4.25. The state of affairs develops positive qualities when firm orders are in hand.

Roots

Colombo—Holding steady at recently set prices but not in especially active request during the past week.

Echinacea—More competition developed locally. Prices were shaded to the basis of 70c. to 75c. per pound and fair trade was done at the inside limit.

Elecampane—Sales were made at the lower price of 50c. to 55c. per pound and while stocks were far from being normal, they met the moderate demand very well last week.

Gelsemium—More supply has eased prices and spot quotations developed on the lower level of 40c. to 45c. per pound early last week under competitive circumstances.

Senega—It was difficult to buy spot goods last week since very little is being carried into the new collection season. Furthermore, primary market operators seem to have forgotten the normal price of this root. Spot quotations were up to $2.50 to $2.60 per pound.

For Late Market Developments, See Page 4

GOOD NEWS
begins to multiply

The worst definitely is over! After years of famine for the world's Botanical Crude Drugs, supplies already are coming in from all directions in what we hope eventually will be a full tide of normal deliveries.

Meanwhile, as fast as wartime shortages are being eased by incoming supplies, our customers are getting the benefit of our world-wide contacts with growers and suppliers. When in the market for Foreign and Domestic Botanical Crude Drugs, it therefore will pay you to—

CHECK YOUR NEEDS
of Hopkins' Analyzed High Standard Crude Drugs

Hundreds of the best Foreign and Domestic Botanical Crude Drugs are stocked for immediate shipment from our New York City Warehouses and Mills.

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COCILLANA BARK
COLOCYNTH PULP
COLOMBO ROOT
CORIANDER OIL AND SEED
DANDELION ROOT
DILL SEED, Indian
ERGOT OF RYE
FENNEL SEED, Indian
FOENUGREEK SEED
GENTIAN ROOT
GINGER, Jamaica, Calicut
GRAINS OF PARADISE
GUM ARABIC AMBER SORTS
GUM KARAYA, Whole and Powder
HELLEBORE ROOT WHITE
HERBA HERNIARIÆ
HERBE MENTHE
HOREHOUND HERB
IRISH MOSS
JUNIPER BERRIES
KAMALA POWDER
LAUREL LEAVES
LAVENDER FLOWERS
LINDEN FLOWERS, with Leaves
MAHUANG, Chinese
MARJORAM LEAVES
OAK MOSS
ORANGE OIL, Sweet
ORRIS ROOT
PEPPERMINT OIL
PIMENTO, Jamaica
POPPY SEED, Indian
PSYLLIUM SEED AND HUSKS
QUINCE SEED
RHUBARB ROOT
ROSEMARY LEAVES
ROSEMARY OIL
SAGE LEAVES
SARSAPARILLA ROOT
SAVORY
SENNA LEAVES AND PODS
STRAMONIUM LEAVES
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WAREHOUSES AND PROCESSING PLANTS: BROOKLYN, N. Y., NEWARK, N. J.

Valerian—Elimination of Belgian root puts consumers to the necessity of buying India root when spot deliveries are wanted. Indian root was advanced to 65c. to 70c. per pound last week.

Seeds

Anise—Chinese seed was lower at 38c. to 39c. per pound. Further quantities were offered to arrive later on, also.

Caraway—Canadian seed was down to 42c. to 43c. per pound. Danish was lower at 43c. to 44c. and Dutch was off to 42c. to 43c. The general market was so unsettled that the end of price declines seemed not in sight.

Celery—Local quotations receded to 22½c. to 23c. per pound and still were below the price views held on goods for future delivery.

Coriander — Peruvian seed was cheaper at 8c. to 8½c. per pound. Some European points proposed business at 21c. per pound which suggests that such markets are without posting on world prices. The Argentine offers as low as 7c.

Cumin—Persian seed was firmer and fractionally higher at 26½c. to 27c. per pound.

Flea—India seed firmed on improvement in demand. Prices rose fractionally to 19c. to 20c. per pound.

Mustard—And Lo! There appears on the Pacific Coast some prewar Bombay brown and Chinese yellow seed. Someone seems to have missed the boat. The ways of business amaze the mere reporter of events! Danish yellow was higher at 25¼c. to 25¾c.

Poppy—Some Argentine seed was offered locally at 35c. to 35½c. per pound. The newcomer to local circles sold well. Also, some Turkish was to be had for 32½c. to 33c.

Spices

Cassia—Spicers hope for action regarding ceiling prices now that OPA has done something for the pepperers.

Cinnamon—The higher prices will line up under OPA regulations as follows:—Ceylon, O, 57c. per pound; OO, 58.20c.; OOO, 59c.; OOOO, 59.90c.; No. 1, 56.25c.; No. 2, 55.35c.; No. 3, 54.35c.; No. 4, 53.35c.

Ginger—London reports that the bad experience that became the lot of the British government when African root shipped to the United States failed to pass the Food and Drug Administration requirements has made London merchants loath to offer new crop African material. This, in turn, has caused delay in collecting the crop. All of which has built an excellent business in Jamaica root.

Markets at Other Centers

Los Angeles, March 27.—Market steady with botanical supplies scarce, and trading slow. Ruling prices are:

Marjoram—French type, 35c. per pound in dried form.

Sage—Dalmatian type, 40c. per pound for lots said to contain less than 12 percent stems. Sage guaranteed to contain less than 5 percent stems was quoted at 65c. per pound. Leucophylla was named at 32c. per pound.

Savory—French type, 75c. per pound.

Sweet Basil—90c. per pound for lots containing less than 12 percent stems.

Thyme—French type, 90c. per pound in dried and clean form.

Glass Container Shipments Decline

The total shipments of narrow-neck glass containers in February was 5,128,505, as compared with 5,607,057 in January, according to the Bureau of the Census. In this category, the amount used for medicinal and health purposes was 1,141,173 in February against 1,304,078 in January; chemicals, 540,482 in February against 628,367 in January; toiletries, 481,928 in February against 619,640 in January.

The total shipment of wide-mouth glass containers in February was 3,714,924, as compared with 4,037,204 in January. In this category, the amount used for medicinal and health was 288,264 in February against 288,749 in January; chemical, 125,558 in February against 123,268 in January; toiletries, 140,938 in February against 142,378 in January.

Stearns Increases Amino Acid Output by 400%

The Frederick Stearns & Co., division of Sterling Drug, Inc., Detroit, has installed new facilities at its plant which has increased output of amino acid by approximately 400 percent. The company also is adding to its research apparatus for laboratory studies on amino acids.

PEEK AND VELSOR INCORPORATED
110 WILLIAM ST.
NEW YORK 7

Established 1840
CRUDE DRUGS

Out of the Past —and a Sheaf of Formulas

12.

'Rheumatics' was a plague to Kansas plainsmen from earliest pioneer days. Of a Saturday, the farm folk who trekked into "Doc" Magoffin's drug store besieged him for "something for the 'rheumatiz.'" And did "Doc" do something about it? Why, his formula eventually sold clear to Ohio and well down the Mississippi valley.

℞

Soda Salicylate	2 ozs.
Fluid Extract of Black Cohosh	2 ozs.
Fluid Extract of Gelsemium	2 drams
Potash Iodide	2 drams
Simple Elixir	1 pint

Sig—1 Teaspoonful 3 times daily—half hour before meals. Keep Bowels Open.

Magoffin's "Rheumatico"
Affords quick relief from rheumatic spasms. Quiets the nerves. Ladies afflicted with rheumatism find it an excellent periodic aid.
Lyons Drug Co., 1906

(To be continued)

WAREHOUSE AND MILLS
JERSEY CITY NEW JERSEY

CRUDE BOTANICAL DRUGS
TRADE *From Forty Nations* MARK

P.A.'s on Business

—Continued from page 7

duction on the basis of "prices in effect at time of delivery."

The policy, of making purchases only to protect requirements and cover forward commitments, continues to be followed in many cases. Others report placing long forward purchases, as far ahead as suppliers will accept and schedule, in order to be assured of deliveries when needed. Apparently, in some instances, purchases are being made for delivery in 1947.

Purchasing agents in Canada report buying policy remains from three to six months, and where necessary to secure delivery when required, machinery and heavy equipment are being purchased even farther ahead.

Employment

Employment is reported the same as, or higher than a month ago. The ending of major strikes may be reflected in that composite opinion. Unskilled labor is reported to be in better supply, as returning servicemen and former warplant workers seek employment.

In the San Francisco area, employment is reported to be 60 percent below a year ago; but coast reports, generally, are optimistic over possibilities for new industries and expanding business.

Reports from Canada indicate an extreme shortage of skilled construction workers but adequate supply of unskilled labor. Opening of Spring will increase demand for labor in woods operations.

M.M.&R. Plays Host for DSC

Magnus, Mabee & Reynard, Inc., essential oils, New York, recently played host to more than 400 guests of the Druggists Supply Corporation at a dinner in the Pennsylvania hotel, New York. Only speaker of the evening was New York's police commissioner, Arthur W. Wallander.

Obituaries

—Continued from page 4

his formulation, with Dr. Irving Langsmuir, of the Lewis-Langsmuir theory of atomic structure, which has since been modified by further discoveries, and his investigations into the theory of valence, the chemical combination power of atoms.

John C. Remond

John C. Remond, secretary of the Chilean Nitrate Corporation, New York, died March 27 in a room adjoining the firm's offices. He was sixty-seven years old. Mr. Remond, who was secretary since 1935, had been connected with Chilean, or affiliated companies, for thirty years.

George Borrowman, for thirty years a consulting chemist, with laboratories in Chicago, died in Evanston, Ill., March 27. He was sixty-five years old.

Samuel G. Burk, for sixteen years with the real estate department of Socony-Vacuum Oil Company, New York, died in Orange, N. J., March 26. He was sixty-one years old.

Ralph W. Deacon, former works manager for the United States Metals Refining Company plant at Carteret, N. J., died in Elizabeth, N. J., March 25. He was sixty-six years old.

Reginald Gordon, former associate professor of chemistry and physics at Columbia University, died in Newburgh, N. Y., March 25. He was eighty-two years old.

Professor Amadeus W. Grabau, internationally known geologist, died March 27 in Peiping, China, where he had liver since 1920. He was seventy-six years old.

Edward F. Kelley, manager of hospital and industrial sales for Lederle Laboratories, Inc., Pearl River, N. Y., died recently. He was thirty-five years old.

Robert H. Smith, oil geologist for the Texas Company, New York, was killed March 26 in an automobile accident, while on a business trip in Louisiana. He was thirty years old.

Herbert W. Todd, who retired ten years ago as vice-president and treasurer of the Todd Salt Company, New York, died in that city March 21. He was seventy-eight years old.

Barbiturates Control Asked in D.C.

OPD Washington Bureau

A bill for the regulation of the manufacture, sale, distribution, and use of barbiturates in the District of Columbia, has been introduced in the senate by senator Theodore Bilbo of Mississippi. The bill (S. 1986) was referred to the District of Columbia committee.

The measure amends subsection (n) of section 1 of the act of June 20, 1938, by inserting the word "barbiturates" and defines barbiturates to mean the salts of barbituric acid (malonylurea), any derivative of such acid or of any of its salts, or any preparation or mixture of any such salt or derivative.

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Essential Oils, Other Aromatics

The revision in the maximum import price regulations provided the most interesting development in the market for essential oils and aromatic chemicals last week. The provisions, effective last week, will permit importers and dealers to increase prices to coincide with the higher replacement costs by simply taking the total cost and adding to it a markup representative of that which it used in March, 1942. The old provision limiting the seller to a foreign invoice price as of April or August, 1943, has been eliminated. The new set-up will greatly simplify the detail in recording transactions with the OPA, and adjustments will henceforth be left up to the integrity of the seller.

More than usual interest was manifested in the shipment of five drums of patchouli oil that arrived here recently from the Far East. This represented the first shipment to reach here since the war. The prevailing low ceiling price, based on pre-war level of $9 to $10 per pound, precluded any worthwhile activity in this direction because of the steady increase in replacement costs at the source. Quotations mentioned were as high as $75 per pound, and offerings in the outside market were reported as high as $125 per pound.

Despite talk in the trade about a settlement nearing in the Ceylon citronella oil case, conditions remain in statu quo, pending the government's decision to appeal the case. It was understood discussions were progressing with the principals involved and the government, but no official word was forthcoming from either direction. Since the U. S. Customs Court handed down a broad decision against the government, ruling that Ceylon citronella was not a compound, and could not be taxed as such, the government has not made known its intention of exercising its prerogative of appealing the case within sixty days. More than half the time has elapsed since the decision was handed down. In the interim stocks of citronella have been lying in the warehouse, and regular consumers were unable to make purchases except where arrangements were made with the seller to absorb the duty under duress.

Market Trends

Prices Advanced

None

Priced Reduced

Cassia oil, rect., U.S.P., $1 per lb.
Coriander oil, $1 per lb.
Isobornyl acetate, 5c. per lb.
Lavandin oil, 25c. per lb.
Lime oil, dist., W. I., 40c. per lb.
Turpentine, rect., U.S.P., 2c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
216.7	219.7	222.3	217.3

(For Current Prices see page 9)

Essential Oils

Anise—While offerings of Chinese were small, demand was not active. The availability and lower quotations for anethol were partially attributed to the lack of interest.

Bay—A total of 12 drums arrived from Roseau last week. Market was moderately supplied, and prices held at previously established levels.

Bois de Rose—Spot position held at satisfactory levels, and inquiries were only moderate. Prices ranged from $5 to $7 per pound.

Cajeput—A limited quantity of material was still available; the technical was quoted at $2.25 and the rectified at $2.40 per pound.

Cassia—Interest was lagging in the market, and in one quarter of the market price declined to the basis of $8.50 per pound.

Cinnamon—Arrivals of leaf oil last week amounted to 33 drums. Stocks on hand were sufficient to meet nearby consumers requirements. Prices held unchanged.

Citronella—Activity in the market was restricted, pending government's action in appealing recent Custom Court decision on the compound tax for Ceylon oil.

Coriander—Price was lowered to the basis of $24 per pound in one quarter, however, quotations ranged as high as $35 per pound, depending on quality and origin.

Eucalyptus — Offerings continued limited because of the lack of any worthwhile replacements from the principal primary sources.

Geranium—Demand and offerings were only moderate for the Bourbon. Quotations ranged anywhere from $16.50 to $22 per pound, depending on quality.

Lavandin—Price was lowered to $5.50 per pound, reflecting the better supply position of the market and the devaluation of the French franc.

Lemon—It is difficult to ascertain how much government surplus stock of Sicilian lemon oil will be available to former importers after offerings have been made to all government agencies. Meanwhile, spot position of the market remained tight, reflecting the restricted domestic production.

Lemongrass—No new arrivals were reported, while previous shipments have found their way into consuming channels, leaving spot offerings limited. Prices held firm.

Lime—A quotation of $6.60 per pound was named in one direction for distilled West Indian material, while price for the Mexican continued at $6 per pound. Imports amounted to 29 cases last week from Roseau.

Neroli—Business was confined to small lots in most instances, and prices for the French ranged from $230 to $300 per pound; Haitian was quoted at $195 to $200 per pound.

Orange—While spot stocks were not too burdensome, demand lacked any material expansion. Prices for various grades were firm.

Palmarosa—Another small shipment totaling 22 pots reached here from Mombasa last week. Limited offerings were made at $7.50 per pound.

Patchouli—The first shipment to reach here in some time was reported last week. It amounted to only five drums, and was expected to be absorbed promptly. The low ceiling and high replacement costs precluded any worthwhile activity in this market.

Peppermint—Demand was steady, but domestic stocks were adequate to cope with consumer requirements. Prices were fully maintained.

Rosemary—Spot position was reported as only fair. A shipment of 16 packages reached here from Spain last week. Prices lacked change.

Sandalwood—Arrivals of Mysore sandalwood were expected to provide for the needs of many consumers in the near future. Sellers have a fair size backlog of orders to clear up before making additional offers.

Turpentine—Offerings for the rectified U.S.P. were made in one direction at 25c. per pound, other sellers' ideas ranged as high as 29c. per pound.

Vetiver—Bourbon was offered in limited quantities, with South American and Haitian material still available. Prices remained firm.

Ylang-Ylang—Market was in a more favorable position than previously, and offerings were available in all grades at the quotations reported the preceding period.

Aromatic Chemicals

Anisic Aldehyde—Market position improved, and offerings were made in drum lots at $2.75 per pound, ranging from $2.90 to $3.25 for containers and bottles.

Benzyl Acetate—Offerings in drums were made at 49½c. to 55c. per pound for the ffc. material, while smaller containers ranged from 60c. to 95c. per pound.

Coumarin—Sellers were still working against a backlog of orders, and reported some progress was made in clearing up old orders. Prices rule firm.

Heliotropine—Material available in moderate quantities, while price situation lacked any new developments.

Ionones—The position of ketone and methyl ionones continued tight, reflecting raw material shortages. Prices were well sustained at the higher levels.

Isobornyl Acetate—Quotation was lowered in one quarter of the market to the basis of 80c. per pound in containers and ranged to 95c. per pound.

Methyl Anthranilate—Market posi-

For Late Market Developments, See Page 4

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tion improved, and offerings were made in drum lots at $1.80 to $1.85 per pound; containers and bottles ranged from $2.20 to $2.35 per pound.

Musk—Conditions remained tight in the market for ambrette and ketone; xylol was available, however, prices, drum lots, ranged from 85c. to $1.40 per pound and smaller quantities up to $1.85 per pound.

WAA Decentralized

—Continued from page 3

decentralize as much as possible, to give each of the 33 regional directors broad authority to sell without unnecessary referrals to Washington, without hampering paperwork and duplication of work. To effect this basic policy, there has been authorized and will shortly be put into effect a streamlined operations procedure that will go far to simplify and speed up actions in the field all along the line. He listed the following five main points aimed at breaking through delays and paperwork to greatly increase sales:—

First, regional directors will have authority to initiate sales of property amounting up to $1,000,000 without detailed Washington approval. Previously, the limit was only $25,000. By thus freeing the regional directors' hands, we expect to give sales a swift and very considerable impetus. Thousands of clearances, communications, referrals and similar administrative actions are eliminated at one blow.

Second, regional directors have greater freedom in their choice of methods of sale. Among the more important methods are fixed price, negotiated price, auctions, site sales, and spot sales. These methods, of course, are not exclusive. We have had experience with each of these sales methods. Currently we are conducting site sales of large quantities of property located in one spot, usually the site of an Army or Navy supply depot. Sales of this kind illustrate how large masses of surplus property can be liquidated within a relatively short time and without incurring unwieldy storage, transportation, and sales costs.

Thirdly, our policy is to sell as much of surplus property as we can at fixed prices, set for the regular trade levels. We set our fixed prices to be fair prices—which means prices that reflect the relative ability of available markets to absorb the surplus goods and at the same time give the best possible dollar return to the government.

Fourth, procedures for the allocation of surplus items among different trade levels have been simplified. It is our intention to make such allocations conform as closely as feasible to normal trade practices.

Fifth, liberal provision has been made for effecting leases of surplus property, and for extending loans, credits and deferred payments in surplus sales transactions.

Susquehanna Chemical Locates Home Office

The Susquehanna Chemical Corporation, of which Stephen Kelly is executive vice-president, has located its executive offices in the Empire State Building. The telephone number is Bryant 9-0417.

Givaudan Returns to Geneva

Andre Givaudan, a director of Givaudan & Cie, Geneva, Switzerland, has returned to that country after a five weeks' trip in the United States, during which time he laid plans for the future development of the facilities of Givaudan-Delawanna Inc., essential oils and aromatic chemicals, New York.

Toilet Goods Ass'n Seeks Historical Data

The executive board of the Toilet Goods Association has approved a project for accumulating and compiling historical data on the toilet goods industry. The project is designed to cover the period from colonial times to the present.

All members of the industry, particularly the older companies, are asked to make available to the association any records or other information which may be useful in compiling this work.

Trade Briefs

Andre Firmenich, of Firmenich & Cie, aromatic chemicals and perfume materials, Geneva, Switzerland, is visiting the company's New York office.

William G. Mennen, jr., recently released from the Army, has resumed his former position of treasurer of Mennen Company, toiletries, Newark, N. J.

Pyrene Manufacturing Company, manufacturer of fire extinguishers, Newark, N. J., has discarded in the domestic market the use of eleven trade names, in favor of only one trade name, 'Pyrene,' and more informative labeling.

Aerotec Company, White Plains, N. Y., recently introduced an integral grinding dust collector which is said to operate with a no-pressure build-up characteristic that assures continuous suction at throat of hoods, with resulting high collection efficiency.

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Petroleum Derivatives

Ignoring, as of little consequence, the relatively small increase in their costs of production, which will be caused by the 10-cents-per-barrel advance in the prices for crude oil that they will hereafter have to pay to independent operators in the oilfields of the United States, the American manufacturers of petroleum chemicals are continuing to devote themselves wholeheartedly to the task of swelling their output of alcohols and other solvents urgently called for in steadily mounting quantities by the makers of synthetic resins and plastics and in only slightly lesser degree by those engaged in the production of synthetic rubber.

Under a recent ruling by the Office of Price Administration distributors of petroleum products are prohibited from marking up the prices of their goods to the extent specifically authorized for the producers or manufacturers.

Under the leadership of isobutylene, the hydrocarbons known as the petroleum oleofins, containing four carbon atoms, are in especially spirited demand at this time, because of the keen need for them for making modified phenolic and other resins, high-octane gasoline, some of the manufactured or synthetic detergents and other chemicals. Simultaneously, the recently abated clamor for the petroleum based alcohols for the production of butadiene in making synthetic rubber has been revived and intensified, now that the needs of the synthetic rubber tire industry are rising sharply again with the discovery that not more than 250,000 tons of natural rubber are to be made available this year, compared with average annual requirements of approximately 600,000 tons in the pre-Pearl Harbor years.

Thus the demand for acetone, secondary and tertiary butyl alcohols, diacetone alcohol, isopropyl alcohol and methylamyl alcohol keeps mounting. The tempo of the movement in methylethyl ketone is also increasing constantly while the call for allyl alcohol and allyl chloride, for the making of allyl esters and ethers for synthetic resins and plastics is also reaching a high pitch.

Petroleum Chemicals

Acetone — Continues in keen demand, with the productive capacities of some of the leading plants sold well ahead.

Allyl Alcohol—Still moving in sizable volume into consuming channels in the synthetic resin and plastics industries.

Allyl Chloride—Buying interest in this chemical becoming more spirited daily.

Butyl Alcohol—Movement of secondary and tertiary butyl alcohol is attaining huge proportions. So is that in secondary butyl acetate.

Isopropyl Acetate—A growing inquiry is reported in this petroleum derivative as well as in isopropyl ether.

Ispropyl Alcohol — In constantly mounting call, with prices well maintained.

Methylethyl Ketone — Under the spur of steadily rising requirements for automotive vehicle finishes, makers of nitrocellulose lacquers are amplifying their buying volume in this material.

Solvents and Diluents

Aromatic Solvents — Movement of both the xylol and toluol-based high-solvency aromatics keeps expanding. Processors are still plentifully supplied with petroleum xylene and toluene.

Cleaners' Naphtha — Continues in keen demand for civilian use, with the military account steadily shrinking.

Lacquer Diluent — Buying interest on the part of lacquer makers is still mounting.

Mineral Spirt—Still being taken up in sizable quantities.

Stoddard Solvent—Heavy purchasing operations continue to be conducted in this solvent on civilian accounts, with military takings steadily diminishing.

V. M. & P. Naphtha—In constantly expanding demand.

Markets at Other Centers

Chicago, March 29.—A generally good demand is noted in this area for most of the items in the petroleum solvents group. Inquiry is being maintained at a steady and active rate.

Los Angeles, March 29.—Call for petroleum solvents and diluents remains good on the Pacific coast. Liberal supplies continue to make the market active.

Lighter Fractions

Butane—Still moving in considerable volume, with available supplies none too liberal for meeting the pressing requirements of all consumers.

Heptane—Continues in fair inquiry.

Hexane—In moderate request.

Octanes—Buying interest still reaching sizable proportions in this liquefied gas.

Pentanes—Purchasing in these gases on civilian account keeps up well, but military takings have been sharply curtailed.

Propane — Supply situation and market conditions in this gas continue almost exactly the same as those in butane.

Markets at Other Centers

Chicago, March 29.—A good inquiry is noted for most of the products in the liquefied petroleum gas groups in this area. Offerings are still tending to be on the lean side. Generally, however, the market is continuing on the firm side.

Los Angeles, March 29.—Propane and butane are still moving in steady volume on the Pacific coast. Supplies in this area are good.

Petrolatums and Waxes

Microcrystalline Waxes — Both domestic and export demand continues heavy in these waxes, with producers and other suppliers experiencing some difficulty in meeting all needs.

Paraffin—There has been no abatement of the clamorous demand for both crude scale and refined grades of this petroleum wax, on export as well as on domestic account, with the result that producers and suppliers are still unable to accumulate stocks.

Petrolatums — Movement of U.S.P., veterinarian and technical grades continues heavy, with prices well maintained.

Fuels and Lubricants

Crude Petroleum—Even before official announcement had been made of the effective date for the all-embracing advance of 10 cents per barrel ordered by OPA on the ceiling prices for crude oil in all the country's oilfields, that bureau ordered individual upward adjustments of prices for stripper wells, authorizing advances ranging from 5 cents to 35 cents per barrel for ten crude oil pools, located in the five states of Texas, Arkansas, Michigan, Kansas and Oklahoma, under its stripper well premium payment plan.

After keeping the petroleum industry on the tenterhooks of uncertainty for three weeks as to the effective date for the all-embracing 10-cent advance in ceiling prices of crude oil in all fields, OPA has made official announcement that this markup becomes effective April 1.

Lubricating Oils—A bill seeking to prohibit the sale or offering of lubricating oil, lubricants, or mixtures of lubricants, which have been once used, in whole or in part, and subsequently reclaimed, refined or reconditioned, unless such lubricants are properly described and labeled "reclaimed oil," except when such oils are reprocessed to meet the specifications and requirements of the Society of Automotive Engineers, has been introduced into the New York State Senate.

Market Trends

Prices Advanced

Crude petroleum, from all oilfields in U.S.A., 10c. per bbl.

Prices Reduced

None

(For Current Prices see page 9)

For Late Market Developments, See Page 4

WAXES

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WHITE TO DARK AMBER
145F TO 175F

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METHYL "CELLOSOLVE" STEARATE, a synthetic ester, is used as a plasticizer for cellulose derivative, paper coatings and wax finishes. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOCH_2CH_2OCH_3$
Molecular weight	342
Color (platinum cobalt scale)	175
Melting point	22° to 24°C
Flash point	378°F
Acidity	less than .6 mg. KOH per gram ester
Specific gravity	.888 at 25°/25°C
Iodine value	2 max.

Low volatility

* Trade mark of C&CCC

BUTYL STEARATE

BUTYL STEARATE, a synthetic ester, is used as a plasticizer for cellulose and polyvinyl derivatives, also for cosmetics, paper coatings and wax finishes. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOC_4H_9$
Molecular weight	341
Color (platinum cobalt scale)	130
Melting point	19° to 20°C
Flash point	358°F
Acidity	less than .6 mg. KOH per gram ester
Saponication number	171-179 mg. KOH per gram ester
Specific gravity	.85-.86 at 20°/20°C
Iodine value	2 max.

Low volatility

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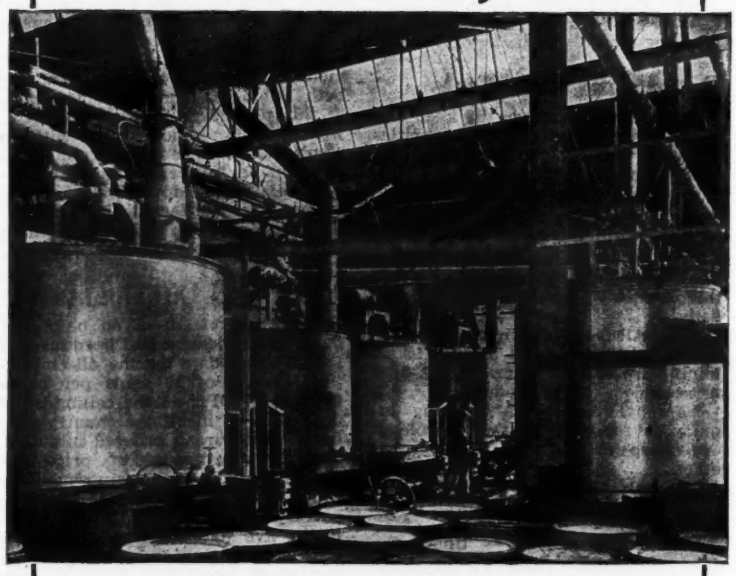

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Protective Coatings Materials

Rising above the otherwise depressing influence of a further contraction in its allowances of metallic lead for the second quarter of this year and additional delays in the reopening of some of its most advantageous outlets in the automotive vehicle and electrical equipment manufacturing trades, the American protective coatings industry is elated over the discovery that its business in supplying paints, varnishes and lacquers for new and renovated dwellings, alone, is enabling it to roll up a sales volume equalling, if not outstripping that recorded when it was in receipt of huge war orders. Hence, it is not unduly perturbed by last week's announcement that the Government has ordered a halt in new building construction or repairs to existing structures, save those already started, except on the express authorization of the Civilian Production Administrator and National Housing Expediter, in an effort to conserve building materials and housing facilities for war veterans.

Contrary to general expectation, the proposed cut in the quota for linseed and other drying oils for the protective coatings industry from 75 percent to 60 percent, will not be made immediately in the second quarter. In fact, the Department of Agriculture has agreed to continue the 75 percent quota during the greater part, if not, all, of this quarter. By special arrangement with the industry, the Department has agreed that, if it decides to cut this quota, it will have another conference with the industry before announcing such action.

Metallic Lead and Zinc

Although the proposed cut in the metallic lead allowance to the protective coatings industry for the second quarter is inevitable, the exact size of this cut to the pigment makers is as yet undetermined. CPA has reported that the industry advisory committee has given approval to a proposed new regulation to limit further use of both lead and lead chemicals, and it is understood that allocations of lead for these chemicals are to be reduced by 18 percent for the second quarter. Order M-38, the lead order, is being rewritten and a separate order will be issued covering the revisions. Inventories of lead are to be restricted in the second quarter to a 30-day supply as against the present 45-day limitation. Prices for pig lead have continued unchanged for the week March 22-29 at 6.35c. per pound in St. Louis and 6.50c. in New York.

The latest Bureau of Mines report on the domestic mine production of recoverable zinc has shown the output for January to have reached 52,465 tons, the highest level attained since May, 1945, and 3 percent greater than the monthly average last year, with the outturn of the Eastern and Central states exhibiting gains of 19 percent and 27 percent, respectively. But, despite plentiful supplies of zinc ores and concentrates, there is still a shortage of high grades of zinc slabs. Quotations for slab zinc have remained unaltered for the week March 22-29 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Titanium Dioxide—Tension continues to make itself felt in the supply situation of TiO_2, with not much likelihood of easing until near the end of the year, when some of the increased manufacturing capacity is counted upon to swell the output somewhat.

The current rate of domestic output is estimated as approximately 10,000 tons monthly. The U. S. Navy has computed its 1946 requirements at only 9,500 tons. But, with the expected increase in productive capacity, the total outturn for this year is forecasted as running considerably in excess of that for 1945, which is figured as having reached about 120,000 tons.

Dry and Chemical Colors

Cadmium Colors—Manufacturers of cadmium colors are wondering to what extent they will be affected in their already handicapped operations by the action of CPA in revoking the cadmium order M-386 and establishing in its stead a specific list of products, including pigments for signal and illuminating glass, thermometer tubing, rubber sea buoys, dental rubber, X-ray fluoroscopic screens and luminescent coatings for cathode ray tubes, on which "CC" ratings may be issued to procure the metal.

Market Trends

Prices Advanced

Butyl acetate, norm. ferm., Ill., Ind. prod., 1.05c. per lb.
Butyl alcohol, norm. ferm., Ill., Ind. prod., 2c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

(For Current Prices see page 9)

Driers and Flatteners

Naphthenates—With manufacturers of all the metal naphthenates amply supplied with naphthenic acid, and with the demand for them continuing at a high pitch, the market for these driers keeps active and strong.

Stearates—Buying interest is still fairly keen in most of these metal-based flattening agents; hence the plant capacities of a majority of the producers continue well booked.

Lacquer Materials

Butyl Acetate—A further increase in production cost has induced one leading manufacturer of normal fermentation butyl acetate, produced in Illinois and Indiana, to mark up his prices by 2 cents per pound more, effective April 1, making his revised quotations 20.8c. per pound in tankcars, 21.8c. in drums for carload lots, and 22.3c. for less than carlots.

Butyl Alcohol—The leading manufacturer of normal fermentation butyl acetate has announced another advance in his prices for this material produced in Illinois and Indiana amounting to 1.05c. per pound, making his revised quotations, effective April 1, 19.35c. per pound in tankcars, 20.35c. in drums for carload lots, and 20.85c. for less than carlots.

Varnish Gums

Copal—American importers of Congo copal have generally expressed satisfaction and approval of the revised maximum import price regulation insofar as it establishes a formula whereby they can determine prices for this natural resin landed in this country, after being purchased in the Belgian Congo at figures bid by them or for them in competition with operators from other countries. No objections or suggestions for any changes in the formula provisions were voiced at the conference held with officials of OPA in New York this past week and hence the new regulation, providing for a reasonable dollars and cents markup over the cost of acquisition, has now become operative, effective March 25. Meanwhile, all but a small amount from a cargo of Congo copal, arriving at New York last week, consisting of 10,284 bags, has been shipped out to consumers who contracted for sizable lots several months ago, so that virtually none of this cargo has been put into warehouses to help replenish the now nearly bare stockpile here.

Naval Stores

Under the impetus of abnormally warm weather for this time of the year in the Southern pinewoods, collection of the oleoresinous gum from the long-leaf pine trees and loblolly pines got well under way fully a fortnight in advance of the official opening of the new naval stores crop season, April 1, and is now being conducted on a steadily mounting scale. Hence, unless there is a now-unforeseen setback, caused by a sudden frost or a return of chilly weather, during this first month of the new crop year, the production of all gum naval stores products by midsummer should reach a level far in excess of that for the corresponding period of last year.

Rosin—Domestic consumers are still finding it difficult to procure sizable

For Late Market Developments, See Page 4

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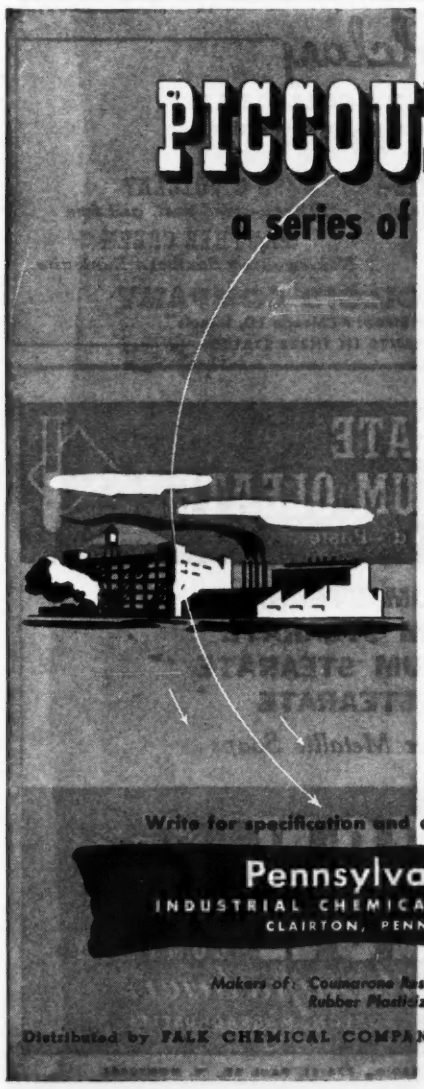

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quantities of the higher grades of gum rosin, especially Nancy, Windowglass, Waterwhite and X, but the requirements of the leading consuming industries, outside of the paper making trade, continue considerably limited by shortages in other ingredients of their products and recourse to replacement materials. The export demand continues keen, especially for K, M and N, but only a few additional licenses have latterly been issued on the recently expanded first quarter quota, and exporters are still awaiting announcement on the quota for the second quarter.

An estimate made in the industry forecasts a rosin production for the 1946-1947 season of 2,110,000 drums. This would serve to fill domestic needs while also making provision for an export quota of 650,000 drums, now being sought for in the new crop year, and still leave a carryover at the end of the season somewhat larger than the approximate stocks of 320,000 drums, computed as on hand as the 1945-1946 season ends.

Savannah, March 29.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.00	$6.00	$6.00	$6.00	$6.00
D	6.07	6.07	6.07	6.07	6.07
E	6.60	6.60	6.60	6.60	6.60
F	6.70	6.70	6.70	6.70	6.70
G	6.74	6.74	6.74	6.74	6.74
H	6.76	6.76	6.76	6.76	6.76
I	6.76	6.76	6.76	6.76	6.76
K	6.80	6.80	6.80	6.80	6.80
M	6.82	6.82	6.82	6.82	6.82
N	6.98	6.98	6.98	6.98	6.98
WG	7.23	7.23	7.23	7.23	7.23
WW	7.50	7.50	7.50	7.50	7.50
X	7.50	7.50	7.50	7.50	7.50
	Drums				
Sales	...	...	...	...	4
Receipts	...	20	27	13	77
Shipments	...	100	...	...	...
Stocks	3,340	3,260	3,287	3,360	3,377

Turpentine — Although supplies of gum turpentine continue limited to a few lots hitherto withheld by farmers or by operators who bought up the last of the CCC stocks, offerings of these remaining old crop stocks are now being made on a more liberal scale than for several weeks past. The demand is fairly brisk, with the price well maintained at the ceiling level of 83½c. per gallon.

An export shipment of 811 drums of turpentine to Trieste, Italy, was reported March 16, following a shipment of 588 drums of pinene to Liverpool, had hitherto been granted, to a still smaller quota for the second quarter is not expected to cause any conster-

Savannah, March 29.—Following is a record of the market for the week:—

	Bulk gallons—Cents.	Sales.	Barrels—Receipts.	Shipments.	On hand.
Monday	83½	...	11	12	907
Tuesday	83½	...	240	72	1,165
Wednesday	83½	...	1,286	...	2,451
Thursday	83½	...	...	155	2,296
Friday	83½	250	27	179	2,144

Glues and Binders

Casein—In an effort to procure legitimately some greatly needed additional quantities of casein from Argentina and Uruguay, which cannot now be purchased in those countries at prices which do not vastly exceed the present OPA ceilings, and also to furnish the necessary incentive for American dairies to swell their ebbtide production of this commodity so as to relieve the distressing tension in the American markets, representatives of the casein importers and users have urgently requested the Government authorities to grant an increase in the ceiling prices on casein from the present 24-cent to a 38-cent base. Their petition for this elevation of the price ceiling was presented at a meeting with CPA, OPA and the Department of Agriculture held in Washington, March 26, but, although OPA has taken the industry's request under advisement, it has not yet given any indication of its decision on this score. Only one arrival of casein from Argentina has reached New York, this past week. This consisted of a belated cargo of 6,500 bags, weighing approximately 711,064 pounds, or about 355½ tons.

Southern Paint-Varnish

—Continued from page 7

butions will be abstracted in OPD over the next few weeks.

In the business session of the meeting, the Southern club elected the following officers:—

President, Donald E. Dick, of Stebbins & Roberts, Little Rock, Ark.

Vice-president, Raymond C. Adams, of the Gillman Paint & Varnish Company, Chattanooga, Tenn.

Secretary-treasurer (re-elected), John J. Hughes, of the Mobile Paint Manufacturing Company, Mobile, Ala.

Representative on plant managers committee, W. T. Hallman, of the Burks Hallman Company, Memphis, Tenn.

Executive committeemen, William A. Smith, of the Dixie Paint & Varnish Company, Brunswick, Ga.; David Bernhart, of the New Orleans Paint & Color Company, New Orleans, La.; A. E. Verbyla, of the Lenoir Wood Finishing Company, Lenoir, N. C.; William E. Hood, of the Alabama Paint Company, Birmingham, Ala.

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Oil Trades Head

J. H. Blakney, of Colgate-Palmolive-Peet Company, Jersey City, N. J., was elected president of the Oil Trades Association of New York at its recent annual meeting.

Coconut Oil Import

—Continued from page 5

percent of the lowest United States duty accorded to any foreign country.

After July 3, 1974, these products will be dutiable at the same rates of duty that would be applicable to the products of other foreign countries. In other words the United States will not, after that date, accord tariff preferences to Philippine articles unless further legislation is adopted.

The duties which are lifted from the Philippine products during the free-entry period are the ordinary customs duties that would apply to such products under our tariff acts. Although existing law provides that the internal tax imposed on products containing ten percent or more of oils derived from coconut, palm, and palm-kernel shall be treated as a duty, the bill expressly provides otherwise. They are specifically excluded from the scope of "ordinary customs duties" and such taxes will, therefore, apply in full to the Philippine articles.

The bill would become a law when its provisions have been adopted by the Philippine Legislature and upon conclusion of an executive agreement between the Presidents of the United States and the Philippines embodying the essential features of the law. One of the provisions of the executive agreement would be a promise by the United States to continue in force during the effectiveness of the agreement the preferential 2-cents a pound processing tax applicable to Philippine coconut oil. This tax can be suspended by the President, however, when supplies from the Philippines are not adequate.

The bill also provides for nondiscriminatory internal tax treatment on Philippine products in the United States. In other words, having provided for preferential tariff treatment, the United States cannot nullify such preferences by discriminatory internal taxes. On the other hand, the United States reserves full rights to impose compensating taxes on imports to offset internal taxes imposed with respect to like domestic articles or with respect to materials used in the production of like domestic articles.

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Oils, Fats, and Waxes

Shipments of 200,000 tons of copra annually from the Philippines to the United States, free of duty until 1955 will be permitted and thereafter the amount to be reduced 10,000 tons yearly until 1974, when all limitations will be lifted, under the terms of the Philippine trade bill reported in the house March 26, by the ways and means committee. See news story on page 5.

OPA has ruled that under Section 3a, MPR 53, a free trade zone is a part of Continental United States and that the maximum import price ceiling applies to olive oil brought into a free trade zone, although no duty is paid and it is later transshipped to a foreign country. This ruling has resulted in the cessation of further trading in olive oil for re-export above import ceilings. Recently sales were made at prices higher than the ceiling for transshipment to Canada, Cuba and Brazil, through entry in the free duty zone.

Allocations of 200 metric tons of soybean oil for export to Syria and the same quantity to Lebanon will be made during the April-June quarter in exchange for equal quantities of olive oil for importation into the United States, it was announced by the Department of Agriculture, March 26. Applications for export licenses should be sent to the Office of International Trade, Department of Commerce, Washington, D. C. Certificates of subsidy clearance will be required and will be issued by the CCC office in New York upon the payment of a refund of the domestic subsidy of 3¾c. per pound for crude or 4c. per pound for refined soybean oil.

Cottonseed Oil

Activity in this market was confined to the delivery of crude oil against former contracts during the week. Refiners continued to bid at ceilings for additional commitments, but trading was limited to an occasional car. Demand for refined oil was active, but offerings were scanty.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
May	....	....	14.31 bid
July	....	....	14.31 bid
September	....	....	14.31 bid
October	....	....	14.31 bid
December	....	....	14.31 bid
March	....	....	14.31 bid

Total sales, none.

Cash, 14.31c. nom.

Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12½c. f.o.b. works (all ceiling prices).

Linseed Oil

Additional arrivals of linseed oil and flaxseed from the Argentine featured this market during the week. Some 2,546 tons of oil in bulk and 114,000 bushels of flaxseed was received at New York and consigned to the Credit Commodity Corporation for allocation. Another favorable development was noted in the signing of the agreement for the purchase of Uruguay's exportable old and new crop flaxseed surplus by the United States.

Supply conditions in the oil market have been slightly improved by the recent receipts of Argentine seed and oil and as a result, oil was offered for April delivery only to regular customers in one direction.

The difference between the support and ceiling prices of the flaxseed crop harvested in 1946 will be paid to growers, the Department of Agriculture announced, March 25. Flaxseed on the 1945 crop is not eligible for such payments. The support price for the 1946 crop is $3.60 a bushel, Minneapolis basis, for No. 1 flaxseed. The present ceiling price is $3.10, same basis.

Montevideo, March 23 (Comtelburo).—An agreement for the sale of Uruguay's exportable linseed surplus to the United States has now been signed. The agreement establishes a price per 100 kilos f.o.b. Montevideo of 14.20 Uruguayan pesos for old crop linseed, and 13.60 pesos for the new crop.

Minneapolis, March 27.—Demand continued active with supplies scarce. Mill production is now estimated close to the 60 percent mark.

Market Trends

Prices Advanced

Carnauba wax, 7c. to 10c. per lb.
Ouricury wax, 5c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.5	193.5	193.3	193.3

(For Current Prices see page 9)

Shipments of linseed oil, in pounds, were as follows:—

	1945-46	1944-45
This week	5,820,000	3,660,000
Since Sept. 1	195,660,000	161,670,000

Los Angeles, March 27.—Linseed oil continues steady with oil moving against former contracts. Offerings are limited. Prices quoted at 14.5c. per pound in tankcars and at 14.9c. drums, carlots.

Flaxseed—Demand for seed continued active. Light arrivals at terminals being delivered against contracts.

Minneapolis, March 27.—Purchases of flaxseed were light, though one sale of new crop flax was reported during the week, to arrive before August 31, 1946, at the ceiling price in effect at time of arrival. Crop outlook in the Northwest looks good with ample moisture in major sections and promise of a heavy acreage—much heavier than the intention-to-plant report.

	Receipts 1945-46	Receipts 1944-45	Shipments 1945-46	Shipments 1944-45
This week	167,500	36,000	46,500	27,000
Since Sept. 1	19,306,000	9,222,500	3,790,500	1,523,000

Flaxseed in Minneapolis during the week was unchanged at $3.10 (ceiling) per bushel for spot and for forward deliveries.

Buenos Aires, March 29.—No flaxseed shipments were made during the week. Visible seed supply was unchanged at 4,724,000 bushels.

Hull, March 29. — Bombay, £43½, March; Calcutta, £35½, March; La Plata not quoted.

Other Vegetable Oils

Castor, Dehydrated—Scarcity of supplies continued to restrict trading to small quantities. Demand was urgent and unsatisfied. Arrivals totaled 648 drums for delivery against former orders.

Coconut—Moderate business was reported in crude oil at 8⅛c. per pound, in tankcars, f.o.b. Pacific coast, for prompt delivery. Buying interest was fair, in view of quota regulations.

Oiticica—Receipts of 1,510 drums during the week, were delivered against contracts. Offerings from Brazil were practically nil and quotations were merely nominal. Spot market was bare of supplies.

Olive—Arrivals of 1,285 drums of olive oil were noted at New York from Tripoli during the week. This oil was entered through the free duty zone for re-export to Canada, Cuba and South American countries. It was reported that the oil was purchased at above the import ceiling of $4.30 per gallon, cost and freight in bond. As a result of this trading, OPA ruled that a free trade zone is a part of the Continental United States and that the maximum price ceiling applies to olive oil brought into a free trade zone, without the payment of duty and for transshipment to foreign countries. The New York Senate has passed and sent to the Assembly the DiCostanzo bill to amend the Agriculture and Markets law, provided containers of olive oil mixture shall have label with statement of combined percentage of vegetable oils and specific percentage of olive oil (S.Int. 2084, Pt. 2354).

Soybean—Ceiling prices for the 1946 soybean crop were announced by OPA, March 26, the same as in effect for the 1945 crop. Prices for raw and unprocessed beans are:—U. S. grade No. 2, classes 1, yellow and 2 green, $2.10 per bushel, and U. S. grade No 2, classes 3 brown, 4 black and 5 mixed, $1.90 per bushel.

Tung—Arrivals of 125 tons and 130 drums from the Argentine were noted during the week for allocation by CCC to sellers. The oil was sold before arrival and in most instances was applied against standing orders at ceilings. Inquiry was active for domestic oil with sales limited to an occasional carlot at ceilings.

For Late Market Developments, See Page 4

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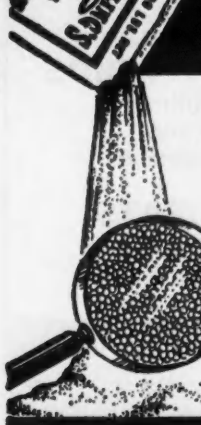

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Fats and Greases

Greases—Production moved promptly against former orders. Inquiry continued keen, with supplies scarce.

Lard—Demand continued in excess of supplies. Trading was confined to small lots at ceilings.

Tallow—Output sold up and delivered against previous orders. Production has fallen off, owing to the scarcity of cattle in this area. It was reported that livestock was being diverted from Federally inspected slaughter houses by black marketers.

Fatty Acids

Red Oil—Market remains firm under an urgent demand. Makers limited sales to regular customers.

Stearic Acid—Demand was active, but business was restricted to small lots owing to sold up output.

Cake and Meal

Processors of protein meal will be required to set-aside 10 percent of their April production of soybean, cottonseed, linseed and peanut meal, it was announced by the Department of Agriculture. The set-aside from January 21 to March 31, was 5 percent, and shipments totaled 52,000 tons during that period to designated States.

Cottonseed Meal—Activity was restricted to trading on a barter basis. Demand continued urgent with supplies scarce.

Linseed Meal—Production promptly taken against former contracts. Small supplies allocated by processors.

Minneapolis, March 27.—Shipments of linseed meal, in pounds, were as follows:—

	1945-46	1944-45
This week.....	6,540,000	5,220,000
Since Sept. 1.....	273,520,000	218,560,000

Waxes

Candelilla — Demand was active, with trading slow in view of the scarcity of supplies and offerings for shipment from Mexico. Prices were unchanged and nominal.

Carnauba—An active demand which practically cleaned up supplies on the spot and afloat, boosted prices from 7c. to 10c. per pound during the week. An excellent demand for shipment also strengthened the Brazilian market. No. 3, chalky, was advanced to $1.38 to $1.43; No. 3, North country to $1.45 to $1.50 and refined to $1.60 to $1.65 per pound, according to quantity, on the spot. Yellow, No. 1, was entirely nominal at $1.75 per pound.

Ouricury—This market also was firmer, reflecting the strength in carnauba. Trading was light, owing to limited supplies. Prices were increased 5c. per pound. Refined was held at $1.25 to $1.30 and crude at $1.10 to $1.15 per pound, as to quantity on the spot.

Girdler Corp. Division Names A.M. Bond to Technical Staff

Allen M. Bond, jr., has been appointed to the technical staff of the Votator division of the Girdler Corporation, Louisville, Ky. He will specialize in the development of improved processes and products in the vegetable oil field.

Du Pont Transfers Peter

R. C. Peter, technical representative in automotive finishes for E. I. duPont de Nemours & Co., Wilmington, Del., will be transferred from the home office to the Toledo, Ohio, area on April 1.

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Corporation Earnings

Phelps Dodge Corporation

	1945	1944
Net income, year, Dec. 31	$10,136,433	$12,651,760
Per share	2.00	2.49

Publicker Industries

	1945	1944
Net income	$3,558,336	$3,715,904
Per share	1.76	1.90

Rheem Manufacturing Corporation

	1945	1944
Net income	$1,498,414	$1,245,099
Per share	1.82	1.67

Squibb, E. R., & Sons

	1945	1944
Net income, 6 months, Dec. 31	2,029,891	1,184,551
Per share	1.14	.63

Standard Oil Company of California

	1945	1944
Net income	$55,554,628	$43,467,597
Per share	4.27	3.34

Standard Oil Company of Indiana

	1945	1944
Net income	$50,340,476	$39,225,578
Per share	3.29	3.63

Zonite Products Corporation

	1945	1944
Net income	$680,307	$474,055
Per share	.82	.57

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PROCEDURE — STABILISAL C is a liquid which is readily measured out and easily mixed into the lacquer. There is no special procedure needed and there will be no effect on the lacquer's performance otherwise as regards durability, adhesion, or other essential characteristics.

SPECIFICATIONS

Color	Amber
Specific Gravity	1.0999 — 1.01 @ 25°C
Lbs. per gallon	8.41

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